

95th Annual Report

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The Hospital For Special Surgery
535 EAST 70th STREET
NEW YORK, NEW YORK 10020



New York Society for the Relief of the Ruptured and Crippled

maintaining the

HOSPITAL FOR SPECIAL SURGERY

and the

MARGARET M. CASPARY CLINIC

A
1958
SPECIAL
COLLECTIONS

1958

The Hospital for Special Surgery

| | |
|---------------------------|---|
| <i>is affiliated with</i> | New York Hospital-Cornell Medical Center |
| <i>is a member of</i> | The American Hospital Association The Hospital Association of New York State The Greater New York Hospital Association The United Hospital Fund The Greater New York Fund |
| <i>is accredited by</i> | The Joint Commission on Accreditation of Hospitals |
| <i>is approved by</i> | The Council on Medical Education and Hospitals of the American Medical Association for Resident Training in Orthopedic Surgery |
| <i>is registered by</i> | The Department of Social Welfare of New York State |
| <i>participates in</i> | The International Education Exchange Visitors Program of the U. S. Department of State |


95th Annual Report



1958—

New York Society for the Relief of the Ruptured and Crippled
maintaining the
HOSPITAL FOR SPECIAL SURGERY
and the
MARGARET M. CASPARY CLINIC

535 East 70th Street, New York 21, N. Y.



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Report of the President

Samuel S. Duryee resigned as President in May, 1958 after ten years of distinguished service in that office. He remains as a member of the Board of Managers and as our representative on the Board of Governors of New York Hospital. It is almost impossible to do justice to the tremendous part which Mr. Duryee has played in the development of the Hospital. During his regime the affiliation with New York Hospital was decided upon and carried out, our new Hospital was constructed and plans for the research building brought to completion. In other words, the Society embarked upon a completely new era in its long life. Mr. Duryee's administration was marked by his unfailing wisdom and understanding and his contribution of time, devotion and boundless energy was inspiring. His status as a great President of the Society is beyond question.

The figures submitted by our auditors for 1958 show that it was one of Special Surgery's best years. One of the reasons for this, perhaps the most important one, was a total of 57,763 patient days compared to 50,847 during 1957. This gave us a percentage of occupancy of 82.86, which is an excellent record and one of the highest in the history of the Hospital.

Our total expenses for 1958 were higher than for the previous year and, of course, the principal item was salaries and wages — \$1,680,730.78 as against \$1,545,912.51 for the previous year.

In 1958 the Hospital received a number of heart-warming legacies, including those from the estates of Frances S. Adams, Sophie E. Stephenson and Helen Broadbent. It is only through such gifts and with the generous financial support of the many individuals, foundations and organizations which contribute to our work that we are able to carry out our Hospital's expanding program. The assistance given us this past year is deeply appreciated. As our work increases so do our needs. Gifts are needed not only toward operational expenses for patient care and clinic services, for education and research, but also for capital purposes.

On March 17 of last year work was started on the construction of the new Caspary Research Building and the builders expect that it will be ready for occupancy by November, 1959. This will greatly relieve the overcrowding we now have in our laboratories on the second floor due to the expansion of our Research Department before adequate space had been provided for it.

In August of last year the Board voted to purchase two buildings at 77th Street and

York Avenue to provide apartments for our graduate nurses. These buildings have been completely renovated, air conditioned and furnished and contain apartments for forty nurses in single and double suites. As of April first many of them have been rented and occupied. We believe that having these apartments available is going to be of great assistance to us in recruiting and maintaining our complement of nurses.

The Caspary Recreation Center at DeBruce, New York for our doctors and staff proved to be even more popular during its second summer. Chief among the improvements made during the year was the construction of a swimming pool.

At a meeting of the Board on November 13, 1958 it was voted to make the chairman of the Women's Auxiliary a member of the Board of Managers. Mrs. M. Henry Hoepli, present chairman, is the first to serve in this capacity.

We record with sorrow the death of Robert Kelly Prentice on April 6, 1958 at the age of ninety-four. He had been a member of the Board since 1906 and a Vice President since 1923. Until the last few years of his life he continued to take a keen and active interest in all the affairs of the Hospital. Our Board accepted with regret the resignations of Mr. André P. Pillot and Mr. Nathan Straus, III in June and July respectively. Mr. Pillot has served since 1941 and upon his resignation he was appointed to the Advisory Council. Mr. Straus joined our Board in 1950. Mr. Walter B. Wriston was elected to the Board at the annual meeting in February.

Finally, I would like to record thanks to those on our Hospital team who keep the wheels turning day in and day out — our doctors, nurses, therapists, technicians, social workers, volunteers and others too numerous to mention here. I want, in particular, to express my appreciation to the Director of the Hospital, Mr. T. Gordon Young, whose assistance during my first year as President of the Society has been invaluable. May I also pay tribute to the cooperation I have received from the members of the Board of Managers and the Women's Auxiliary. It has indeed been a pleasure to work with them.

Respectfully submitted,
PHILIP BASTEDO, *President*

| Comparative Statistics | 1958 | 1957 |
|--------------------------------------|-------------|-------------|
| Total Patient Days..... | 57,763 | 50,847 |
| Total Clinic Visits..... | 53,538 | 59,708 |
| Percent of Occupancy..... | 82.86 | 78.38 |
| Admissions | 2,410 | 2,149 |
| Laboratory Tests..... | 44,540 | 47,782 |
| X-Ray Films Made..... | 59,708 | 51,548 |
| Operations | 1,626 | 1,307 |
| Average Stay of Patients (Days)..... | 24 | 24 |
| Meals Served | 173,289 | 152,541 |
| Physical Medicine Treatments..... | 32,108 | 33,575 |
| Average Cost per Patient Day..... | \$28.43 | \$28.95 |
| Average Income per Patient Day..... | \$26.41 | \$26.05 |

1959 Board of Managers

| | |
|-------------------------------|---|
| PRESIDENT | Philip Bastedo |
| CHAIRMAN, EXECUTIVE COMMITTEE | Lawrence McK. Miller |
| VICE-PRESIDENTS | Mrs. Walter D. Fletcher Mrs. Edwin I. Hilson Mrs. John H. Reynolds T. Kennedy Stevenson Louis W. Noel |
| TREASURER | E. Sheldon Stewart |
| ASSISTANT TREASURER | Robert L. Hoguet, Jr. |
| CORRESPONDING SECRETARY | William H. Osborn, Jr. |
| SECRETARY | Marshall Rawle |
| MEMBERS OF THE BOARD | <i>The Officers and</i> Samuel S. Duryee Mrs. M. Henry Hoepli Charles H. Dyson Mrs. Edward F. Hutton Henry L. Finch Earl D. Osborn S. Hazard Gillespie, Jr.* Richard N. Pierson, M.D. Jerrold R. Golding Albert C. Wall Frederick P. Hagaman Walter B. Wriston Alexander D. Harvey |

* Resigned May 14, 1959

Advisory Council

| | |
|-----------------------|----------------------|
| William A. W. Stewart | Reginald T. Townsend |
| Charles J. Symington | André P. Pillot |
| Edgar Ainsworth Eyre | |

1959 Standing Committees

EXECUTIVE COMMITTEE

Lawrence McK. Miller
Chairman

Mrs. Walter D. Fletcher
Mrs. Edwin I. Hilson
Mrs. M. Henry Hoepli
Robert L. Hoguet, Jr.
Louis W. Noel
William H. Osborn, Jr.
(March, April, May, June)

Richard N. Pierson, M.D.
(July, Aug., Sept., Oct.)

Marshall Rawle
Mrs. John H. Reynolds
T. Kennedy Stevenson
E. Sheldon Stewart
Walter B. Wriston
(Nov., Dec., Jan., Feb.)

INVESTMENT AND FINANCE COMMITTEE

Louis W. Noel
Chairman

Robert L. Hoguet, Jr.
Lawrence McK. Miller
William H. Osborn, Jr.

E. Sheldon Stewart
Walter B. Wriston

T. Kennedy Stevenson
Philip D. Wilson, M.D.

OPERATIONS COMMITTEE

Marshall Rawle
Chairman
Jerrold R. Golding
Louis W. Noel
William H. Osborn, Jr.
Richard N. Pierson, M.D.

Walter B. Wriston
E. Sheldon Stewart,
ex-officio

PUBLIC INFORMATION AND FUND RAISING COMMITTEE

Mrs. Edwin I. Hilson
Chairman
Mrs. Walter D. Fletcher
Jerrold R. Golding
Alexander D. Harvey

Mrs. Edward F. Hutton
Louis W. Noel
William H. Osborn, Jr.
Richard N. Pierson, M.D.

DEVELOPMENT COMMITTEE

Samuel S. Duryee
Chairman
William Cooper, M.D.
Mrs. Walter D. Fletcher

Mrs. Edwin I. Hilson
Lawrence McK. Miller
Philip D. Wilson, M.D.

INSPECTION COMMITTEE

Mrs. John H. Reynolds
Chairman
Mrs. Charles Bannerman
Frederick P. Hagaman

Alexander D. Harvey
Lawrence McK. Miller
Richard N. Pierson, M.D.
Mrs. David Reuter

NURSING COMMITTEE

Mrs. Walter D. Fletcher
Chairman
Miss Mary Jeanne
Clapp, R.N.

Richard N. Pierson, M.D.
Miss Dean Smith, R.N.
T. Campbell Thompson, M.D.

EDUCATION AND RESEARCH COMMITTEE

Robert L. Hoguet, Jr.

Chairman

Richard H. Freyberg, M.D.

Mrs. Edwin I. Hilson

Robert Mellors, M.D.

Earl D. Osborn

Richard N. Pierson, M.D.

E. Sheldon Stewart

L. Ramsay Straub, M.D.

T. Campbell Thompson, M.D.

Philip D. Wilson, M.D.

NOMINATING COMMITTEE

Robert L. Hoguet, Jr.

Chairman

William H. Osborn, Jr.

Marshall Rawle

1959 Special Committees

BUILDING COMMITTEE

T. Kennedy Stevenson

Chairman

Jerrold R. Golding

Frederick P. Hagaman

Alexander D. Harvey

Mrs. Edwin I. Hilson

PHYSICAL MEDICINE COMMITTEE

Mrs. John H. Reynolds

Chairman

Mrs. Barton Alderson

Anna Kara, M.D.

Robert L. Patterson, Jr., M.D.

Mrs. David Reuter

T. Campbell Thompson, M.D.

DeBRUCE PROPERTY COMMITTEE

Jerrold R. Golding

Chairman

Mrs. John H. Reynolds

T. Campbell Thompson, M.D.

Report of Surgeon-in-Chief

Each year the regular work in Orthopedic Surgery and in the treatment of arthritic patients continues unabated and new activities are added.

A detailed description of the routine work may be found in the yearly reports for 1956 and 1957. During 1958 the Hospital ran at 83% of capacity. The high occupancy was most creditable in view of the fact the number of beds had just been increased from 165 to 195 by the completion of 5 North. There were 1,630 operations performed in 1958 compared with 1,369 in 1957. Full use has been made of all the excellent facilities in our building but in spite of this the pressure on space will continue until the Caspary Research Building is opened.

On March 17, 1958, Dr. Richmond Stephens, Attending Surgeon Emeritus passed away. He had been connected with the Hospital for the Ruptured and Crippled since 1912 when he came on as a student assistant. He was active on the orthopedic service until his resignation at the end of 1955, and spent a considerable time in the new hospital during his terminal illness. He served as Secretary to the Medical Board from 1934 until 1955. All members of the staff are grateful to him and will miss him greatly.

During the year Dr. Harold Willard resigned to continue his work in rehabilitation at the Thayer Hospital at Waterville, Maine.

Orthopedic Service

The hand clinic and service has continued to grow under the able direction of Dr. L. Ramsay Straub. A clinic for metabolic bone diseases has been organized under the direction of Dr. James Nicholas. He is assisted by Dr. Paul D. Saville from New York Hospital. This clinic will provide patients for the research study that is being carried out on demineralization of bone with Dr. Felix Bronner. Patients from Dr. Cobb's Scoliosis Service who must remain in plaster for long periods are also being studied on the new metabolic ward.

Rheumatic Diseases

In the Department of Rheumatic Diseases it has been possible to include two additional instructors, due to a grant from the Public Health Service. As a result several Senior

medical students have taken quite an interest in this important branch of medicine in our Hospital.

Medicine

Because of the size of the Hospital, and because many of the patients with orthopedic problems are well past the prime of life, the need for expert medical care has become more evident each year. This is not only regular geriatric supervision, but also pre-operative medical evaluation, and treatment of medical complications that may occur in elderly people. Arrangements were made to have Dr. William Kammerer who has a special interest in both medical and arthritic problems, responsible for the medical supervision of the adult orthopedic patients. This arrangement for adults duplicates the one that has been so satisfactory with Dr. Helen Harrington as supervisor of the pediatric care of patients on the children's orthopedic service. Residents assigned from New York Hospital to H.S.S., provide twenty-four hour coverage for any medical or pediatric problems that may arise.

Laboratories

On March 1, 1958 Dr. Robert Mellors was appointed pathologist and director of Laboratories. He succeeds Dr. Milton Helpert who is now Medical Examiner for the City of New York but remains on our staff as Consultant in Pathology. Dr. Mellors has been at Memorial Hospital and Sloan Kettering Institute since 1946. He has had wide research interests, not only in cancer but in other diseases seen in orthopedic and rheumatic patients. For some months he continued his research work at Sloan Kettering but in January 1959 he became full-time at H.S.S., with the combined job of supervising the H.S.S. Laboratory and continuing his research activities in the new Caspary Research Building. This new building will be connected directly to the Hospital laboratory by a bridge at the second floor level. Under the direction of Dr. Mellors the routine laboratory work has been improved and facilities for performing special new tests have been arranged.

Dr. Klaus Mayer also from Memorial Hospital has been a great asset in providing expert hematologic supervision and consultation. He has made very satisfactory arrangements with Memorial Hospital to furnish blood for transfusions and to give week end laboratory coverage.

Nursing Service

The problem of providing capable dependable nursing service is a major one in any hospital. Nurses prefer to work in pleasant congenial surroundings but also demand a stimulating atmosphere where the most modern methods are used in the care of patients. The percentage of graduate nurses and licensed practical nurses as compared to nurses' aides and orderlies has steadily increased. This trend will continue as long as there is a real interest in teaching and education by all members of the staff.

Roentgenology

During 1958 under the direction of Dr. Robert Freiburger several important advances have been made. A special tube stand to take x-rays of feet in the weight-bearing position has been installed.

The problem of finding storage space for old x-rays, which are really vital records in an Orthopedic Hospital, has been solved by a new and superior process of microfilming.

Tomography which demonstrates many lesions not seen in routine x-rays has been further developed.

With Dr. J. Paul Harvey a superior method of spinal myelography developed in Sweden has been introduced in this Hospital.

Orthopedic Education and Research

The research activities will be covered in the report of the Director of Research but they are all very closely tied up with the Hospital activities, and many of them are carried on by the practicing clinical staff. The increase in teaching activities in all departments should be noted. The residents in medicine, surgery, pediatrics and roentgenology from New York Hospital are all enthusiastic about the teaching and special experience they obtain at H.S.S. Arrangements have been made with Memorial Hospital to have residents in anesthesia from there spend some time at H.S.S., where they can receive instruction from Dr. Charles Burstein in some of the difficult anesthetic problems we have in children with scoliosis. The regular orthopedic resident training is being lengthened from three to three and one half years (after a minimum of two years of general surgery). Although only three years is required by the American Board of Orthopedic Surgery one or two of the four men who finish each year will be chosen to remain on for still another additional six months as the Senior Orthopedic Fellow. Each year one orthopedic resident who has shown a special bent for research will be kept on as as a Research Fellow for a period of three years. During 1958 the following men completed their formal Orthopedic Residency training:

William Arnold, M.D.

James Boyes, M.D.

Philip Granieri, M.D.

Russell Gee, M.D.

The following Orthopedic Fellows, many from foreign lands, held appointments at the Hospital this year:

Fatma Eroglu, M.D., *Turkey*

Alberto Ponte, M.D., *Italy*

Fiorenzo Travaglini, M.D., *Italy*

Hernando Guerrero, M.D., *Colombia, S.A.*

John Howard, M.D., *U.S.A.*

Robert Tate, M.D., *Canada*

Kwang Hoe Kim, M.D., *Korea*

Konstantin Veliskakis, M.D., *Greece*

Roberto Moreira, M.D., *Brazil*

The following Orthopedic Research Fellows served the Hospital also in clinic and teaching duties:

J. Paul Harvey, M.D.

Peter Marchisello, M.D.

William Arnold, M.D.

Besides the regular third year Medical Student instruction, several students have taken elective work at H.S.S. In the Nursing Department there are five separate teaching programs. In these, nurses from New York-Cornell and Flower-Fifth Avenue Hospital training schools come to H.S.S. for instruction and training in Orthopedic Nursing. The 41 graduates from our practical nurse's training school all passed their State Board Examinations and many remained at H.S.S., to help solve our nursing problem. In Occupational Therapy there were four students during the year. One from the Boston School of Occupational Therapy and three from New York University.

In Physical Medicine, one Norwegian student spent six months. A large number of visitors come to observe for short periods. Each one has his own special field of interest. Education is stressed by all departments but the old motto of Mr. Joseph D. Flick, the superintendent from 1917 to 1937 is not forgotten. "The patient comes first." The fact that all of the staff and all of our employees still abide by this motto makes as deep an impression upon our students as is made by our methods of treatment. It has been a pleasure for me to try to uphold the traditions of the old Ruptured and Crippled at the new location.

On May 8, 1958, Mr. Philip Bastedo succeeded Mr. Samuel S. Duryee as President of the Board of Managers. Mr. Duryee who came to Special Surgery in 1940 (when H.S.S. took over Seaside Hospital), has given unstintingly of his time for the past eighteen years. While he was President the move to the new building was completed. The Hospital is indeed most fortunate in having found such a very capable and very interested presidential successor in Mr. Philip Bastedo. I am confident that with his interest and guidance, our Hospital will not only maintain its high reputation in Orthopedic Surgery, but will continue to grow, to develop new methods of treatment and add whatever facilities are needed to carry out this treatment.

Respectfully submitted,
T. CAMPBELL THOMPSON, M. D.
Surgeon-in-Chief

1959 Medical Board

SURGEON-IN-CHIEF

DIRECTOR OF RESEARCH

FRACTURE SERVICE—NYH-HSS

ATTENDING ORTHOPAEDIC SURGEON

ATTENDING ORTHOPEDIC SURGEON AND
EXECUTIVE ASSISTANT TO SURGEON-IN-CHIEF

FRACTURE SERVICE—NYH

DIRECTOR, DEPARTMENT OF RHEUMATIC DISEASES

DIRECTOR, DEPARTMENT OF ROENTGENOLOGY

DIRECTOR, DEPARTMENT OF PHYSICAL MEDICINE

DIRECTOR OF LABORATORIES AND PATHOLOGIST

DIRECTOR, DEPARTMENT OF ANESTHESIOLOGY

ATTENDING PEDIATRICIAN

DIRECTOR OF NURSING (ex-officio)

A DESIGNEE OF THE BOARD OF MANAGERS (ex-officio)

DIRECTOR (ex-officio)

T. Campbell Thompson, M.D., *Chairman*

Philip D. Wilson, M.D.

Robert Lee Patterson, M.D., *Secretary*

Lewis Clark Wagner, M.D.

L. Ramsay Straub, M.D.

Preston Wade, M.D.

Richard H. Freyberg, M.D.

Robert H. Freiburger, M.D.

Anna Kara, M.D.

Robert Mellors, M.D.

Charles L. Burstein, M.D.

Helen Harrington, M.D.

Mary Jeanne Clapp, R.N.

T. Gordon Young

1958-1959 PROFESSIONAL STAFF

| | |
|---------------------------|----------------------------|
| SURGEON-IN-CHIEF EMERITUS | Philip D. Wilson, M.D. |
| SURGEON-IN-CHIEF | T. Campbell Thompson, M.D. |

Department of Orthopedic Surgery

| | | |
|---|--|---|
| ATTENDING ORTHOPEDIC SURGEONS | Irvin Balensweig, M.D. John R. Cobb, M.D. William Cooper, M.D. Frederick L. Liebolt, M.D. Robert L. Patterson, Jr., M.D. | Peter C. Rizzo, M.D. Lee Ramsay Straub, M.D. (Executive Assistant to Surgeon-in-Chief) Lewis Clark Wagner, M.D. |
| ASSOCIATE ATTENDING ORTHOPEDIC SURGEONS | Alexander Hersh, M.D. Jerome Lawrence, M.D. | Philip D. Wilson, Jr., M.D. (Executive Assistant to Surgeon-in-Chief) |
| ASSISTANT ATTENDING ORTHOPEDIC SURGEONS | Howard Balensweig, M.D. Rolla D. Campbell, M.D. Thomas Joseph Dring, M.D. Sidney Eichenholtz, M.D. | Francis T. Linder, M.D. Victor Mayer, M.D. James Nicholas, M.D. |
| ORTHOPEDIC SURGEONS TO OUT-PATIENT DEPARTMENT | Samuel Avnet, M.D. Anthony Camarda, M.D. John H. Doherty, M.D. Francis J. Fadden, Jr., M.D. Kenneth C. Francis, M.D. | J. Theodore Geiger, M.D. J. Paul Harvey, Jr., M.D. I. David Horwich, M.D. Andrew Schildhaus, M.D. |
| RESEARCH FELLOWS | William D. Arnold, M.D. Russell O. Gee, M.D. | Peter Marchisello, M.D. Robert G. Tate, M.D. |

Department of Rheumatic Diseases

| | | |
|--------------------------------|---|--|
| DIRECTOR | Richard H. Freyberg, M.D. | |
| ATTENDING PHYSICIANS | William H. Kammerer, M.D. Robert M. Lintz, M.D. | Willard H. Squires, M.D. Cornelius H. Traeger, M.D. |
| ASSOCIATE ATTENDING PHYSICIANS | Sidney Rothbard, M.D. Emmanuel Rudd, M.D. | Marian Tyndall, M.D. |
| ASSISTANT ATTENDING PHYSICIANS | Carl A. Berntsen, Jr., M.D. Abraham S. Jacobson, M.D. Marjorie B. Patterson, M.D. Bernard Rogoff, M.D. | William C. Robbins, M.D. Harold R. Wainerdi, M.D. Milton A. Wald, M.D. |

PHYSICIANS TO OUT-PATIENT
DEPARTMENT

Richard A. P. Cupaiuoli, M.D. Vernon Erk, M.D.

RESEARCH FELLOWS

Carl A. Berntsen, Jr., M.D. David Sabah, M.D.
Jacques Gascon, M.D.

SPECIAL SERVICES

Cerebral Palsy

DIRECTOR

William Cooper, M.D.

ASSISTANT ATTENDING PEDIATRICIAN Leon Charash, M.D.

ASSISTANT ATTENDING PSYCHIATRIST Herman Roiphe, M.D.

RESEARCH FELLOW

William Hunter, M.D.

Pediatrics

ATTENDING PEDIATRICIAN

Helen Harrington, M.D.

ASSISTANT ATTENDING PEDIATRICIANS Marion McIlveen, M.D.

Lucie Rudd, M.D.

PEDIATRICIAN TO OUT-PATIENT
DEPARTMENT

Florence S. Wax, M.D.

Cardiology

ATTENDING CARDIOLOGIST

Henry B. Kirkland, M.D.

ASSISTANT ATTENDING CARDIOLOGIST Charles E. Kiessling, M.D.

Neuro-Muscular Diagnostic Unit

DIRECTOR

Joseph Moldaver, M.D.

ASSOCIATE ATTENDING PHYSICIANS

Edward Gendel, M.D.

John LoVerme, M.D.

ASSISTANT ATTENDING PHYSICIAN

Donald Douglas, M.D.

Demyelinating Diseases

DIRECTOR

Harold R. Wainerdi, M.D.

ATTENDING NEUROLOGIST

Joseph Moldaver, M.D.

ASSISTANT PHYSICIANS TO
OUT-PATIENT DEPARTMENT

Rolf Scherman, M.D.

Gerald M. Silverman, M.D.

Metabolic Diseases

CHIEF OF CLINIC

James A. Nicholas, M.D.

PHYSICIAN TO OUT-PATIENT
DEPARTMENT

Paul D. Saville, M.D.

CONSULTANTS

Robert Freiburger, M.D.
Roentgenologist

Felix Bronner, PH.D.
Biochemist

Podiatry

ATTENDING PODIATRIST

Samuel Brezak, POD.D.

ASSOCIATE ATTENDING PODIATRIST

Sol Melnick, POD.D.

ASSISTANT ATTENDING PODIATRISTS

Milton Cane, POD.D.
William S. Furie, POD.D.
Robert Haynes, POD.D.

Allen Jay Sloane, POD.D.
Milton Wolfson, POD.D.

ASSISTANT PODIATRISTS TO
OUT-PATIENT DEPARTMENT

Louis J. Arancia, POD.D.
Maria T. Gonzalez, POD.D.

Herbert Gray, POD.D.
Ralph Sirulnick, POD.D.

Department of Physical Medicine

DIRECTOR EMERITUS

Kristian G. Hansson, M.D.

DIRECTOR

Anna Kara, M.D.

ASSOCIATE DIRECTOR

Olav Austlid, M.D.

SUPERVISOR OF OCCUPATIONAL
THERAPY

Doris Nichols, O.T.R.

SUPERVISOR OF PHYSICAL THERAPY

Florence Winter, R.P.T.

Department of Roentgenology

DIRECTOR

Robert H. Freiburger, M.D.

ASSOCIATE DIRECTOR AND

Charles Breimer, M.D.

ATTENDING ROENTGENOLOGIST

Department of Laboratories

| | |
|--|--------------------------------|
| DIRECTOR AND PATHOLOGIST | Robert Mellors, M.D. |
| BIOCHEMIST | Charles Joseph Umberger, PH.D. |
| HEMATOLOGIST AND DIRECTOR OF BLOOD BANK | Klaus Mayer, M.D. |

Department of Anesthesiology

| | |
|---|---------------------------|
| DIRECTOR | Charles L. Burstein, M.D. |
| ASSOCIATE ATTENDING ANESTHESIOLOGIST | Andrew D. Kerr, Jr., M.D. |

SPECIAL CONSULTANTS

Senior Consulting Physician and
Physician-in-Chief Emeritus

Carlisle S. Boyd, M.D.

Emeritus Chief, Clinic on Rheumatic
Diseases and Consulting Physician

Russell L. Cecil, M.D.

| | |
|-----------------------------|----------------------|
| Joseph Alexander, M.D. | Medicine |
| Thomas E. Bamford, M.D. | Neurology |
| David Nye Barrows, M.D. | Gynecology |
| Paul E. Bechet, M.D. | Dermatology |
| Fenwick Beckman, M.D. | Surgery |
| Oscar Bodansky, M.D. | Biochemistry |
| George L. Bowen, M.D. | Gynecology |
| Paul H. Breuning, M.D. | Oto-Laryngology |
| Harry Burnett, M.D. | Radiation Therapy |
| Eric T. Carlson, M.D. | Psychiatry |
| Eugene Clifton, M.D. | Surgery |
| Bradley L. Coley, M.D. | Surgery |
| Herbert Conway, M.D. | Plastic Surgery |
| Thomas K. Davis, M.D. | Neurology |
| Oskar Diethelm, M.D. | Psychiatry |
| John Dorsey, M.D. | Plastic Surgery |
| R. Gordon Douglas, M.D. | Gynecology |
| John W. Draper, M.D. | Urology |
| Edward Dunlap, M.D. | Ophthalmology |
| Cary Eggleston, M.D. | Cardiology |
| Heinz Eichenwald, M.D. | Pediatrics |
| John A. Evans, M.D. | Roentgenology |
| Frederic F. Flach, M.D. | Psychiatry |
| Claude E. Forkner, M.D. | Medicine |
| Henry P. Goldberg, M.D. | Pediatric Cardiology |
| Arthur Greeley, M.D. | Gynecology |
| Phyllis Greenacre, M.D. | Psychiatry |
| Julius Hass, M.D. | Orthopedics |
| Milton Helpern, M.D. | Pathology |
| H. Mason Hicks, M.D. | Medicine |
| Norman L. Higinbotham, M.D. | Surgery |
| Thomas I. Hoen, M.D. | Neurosurgery |
| Cranston Holman, M.D. | Surgery |
| Vansel S. Johnson, M.D. | Surgery |
| Edmund Joyner, M.D. | Pediatrics |
| John G. Kidd, M.D. | Pathology |

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|-------------------------------|---|
| J. E. J. King, M.D. | Neurosurgery |
| Barbara Korsch, M.D. | Pediatrics |
| Arthur Krida, M.D. | Orthopedics |
| Russell Lavengood, M.D. | Urology, Demyelinating Diseases Section |
| Charles W. Lester, M.D. | Thoracic Surgery |
| Samuel Z. Levine, M.D. | Pediatrics |
| Raymond W. Lewis, M.D. | Roentgenology |
| Allyn Ley, M.D. | Hematology |
| Jacob C. Lifton, D.D.S. | Orthodontia |
| Edward J. Lorenze, III, M.D. | Rehabilitation |
| John M. McLean, M.D. | Ophthalmology |
| Allister McLellan, M.D. | Urology |
| Roland L. Maier, M.D. | Surgery |
| Victor Marshall, M.D. | Urology |
| James F. Masterson, M.D. | Psychiatry |
| Ade Milhorat, M.D. | Neuro-Muscular Disorders |
| Royal Montgomery, M.D. | Dermatology |
| James A. Moore, M.D. | Oto-Laryngology |
| S. W. Moore, M.D. | Surgery |
| Thomas Morrissey, M.D. | Urology |
| R. Townley Paton, M.D. | Ophthalmology |
| Henry S. Patterson, M.D. | Medicine |
| Russel Patterson, M.D. | Surgery |
| Mary Ann Payne, M.D. | Liver Diseases |
| John M. Pearce, M.D. | Pathology |
| Frank G. Pettengill, M.D. | Medicine |
| John L. Pool, M.D. | Thoracic Surgery |
| Henry Thomas Randall, M.D. | Surgery |
| Bronson Ray, M.D. | Neurosurgery |
| E. A. Rovenstine, M.D. | Anesthesiology |
| Marie Louise Schoelly, M.D. | Pediatric Psychiatry |
| Ramsay Spillman, M.D. | Roentgenology |
| Fred W. Stewart, M.D. | Pathology |
| Philip Stimson, M.D. | Contagious Diseases |
| Purdy Stout, M.D. | Pathology |
| John E. Sullivan, M.D. | Surgery |
| William J. Sweeney, III, M.D. | Gynecology |
| John A. Taylor, M.D. | Urology |
| Harold Temple, M.D. | Roentgenology |
| Harold S. Vaughan, M.D. | Oral Surgery |
| Preston Wade, M.D. | Surgery |
| Armitage Whitman, M.D. | Orthopedics |

COURTESY STAFF

| | |
|----------------------------|--------------------|
| Leonora Anderson, M.D. | Rheumatic Diseases |
| Donald L. Burdick, M.D. | Anesthesiology |
| Vincent J. Collins, M.D. | Anesthesiology |
| Elizabeth Crawford, M.D. | Anesthesiology |
| Alfred F. Granatelli, M.D. | Anesthesiology |
| Helene D. Mayer, M.D. | Anesthesiology |
| George Wallace, M.D. | Anesthesiology |

RESIDENTS AND FELLOWS AWARDED CERTIFICATES

1958

ORTHOPEDIC

| | |
|---------------------------|--------------------------------|
| William D. Arnold, M.D. | Fatma M. Eroglu, M.D.* |
| James G. Boyes, Jr., M.D. | J. Paul Harvey, Jr., M.D.* |
| Russell O. Gee, M.D. | Roberto de Godoy Moreira, M.D. |
| Philip A. Granieri, M.D. | Alberto L. Ponte, M.D. |
| Fiorenzo Travaglini, M.D. | |

RHEUMATIC DISEASES

| | |
|------------------------------|--------------------------|
| Francois L. Forestier, M.D.* | Abraham L. Rivelis, M.D. |
|------------------------------|--------------------------|

DEMYELINATING DISEASES

| |
|--------------------|
| Luigia Norsa, M.D. |
|--------------------|

* *Research*

Staff Publications—1958

Berntsen, C. A., Jr.

- Antimicrobial treatment of upper respiratory inflammation. *New York State J. Med.* 58: 195-197, Jan., 1958.

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- Calcium metabolism in a case of gargoylism, studied with the aid of radio-calcium. *J. Clin. Invest.* 37:139-147, 1958.
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- Clinical anesthesia conferences. Management of hemiplegia. *New York State J. Med.* 58:1325-1326, April 15, 1958.
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sion of celiac plexus reflex. *New York State J. Med.* 58:2562-2564, Aug. 1, 1958.

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- Clinical anesthesia conferences. Hypotension of oculocardiac reflex. *New York State J. Med.* 58:2992-2993, Sept. 15, 1958.
- Clinical anesthesia conferences. Induced hypotension and hypothermia. *New York State J. Med.* 58:3168-3170, Oct. 1, 1958.
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- Clinical evaluation of triamcinolone acetone preparations. *Monographs on Therapy* **3**:143, Nov., 1958.
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Report of the Director of Research

There were two especially important events in the history of the Research Department in 1958. The first was the breaking of ground on the lot at the northeast corner of East 71 Street and the East River Drive, and the beginning of the construction of the new Alfred Caspary Research Building in March. Construction proceeded without interruption during the year, and at the time of this writing (April, 1959), the exterior is practically completed and occupancy is expected towards the end of the year.

The second event was the incorporation of the Philip D. Wilson Research Foundation which is to take over the ownership and operation of the new building. By the terms of incorporation the Members of the Board of Managers of the Society for the Relief of the Ruptured and Crippled are the Members of the Foundation and they in turn are responsible for the election of the Board of Trustees. This Board with a present membership of twenty-three is divided between professional and non-professional people with a controlling vote in case of deadlock on the latter side. At the time of the incorporation a contract was executed between the Hospital for Special Surgery and the Foundation under whose terms the Hospital guaranteed to turn over to the Foundation such funds as it might receive, either from specific research trusts or by direct gifts for the purpose of research in return for the promise of the Foundation to use these funds entirely for research in the field of crippling diseases and in cooperation with the members of the clinical staff of the Hospital.

The origin of this Foundation is attributable to a gift from Mrs. Carolyn Coe of \$350,000 towards the completion of the building which was made subject to certain conditions. It was decided that these conditions could best be met by the creation of this Foundation. Mrs. Coe is the widow of the late William R. Coe who left a generous legacy to the Hospital in the form of a trust fund whose income was to be used exclusively for research. It is felt that apart from the benefit of qualifying for the above gift the setting up of this Foundation will bring other benefits in the way of clarifying the direction of fundamental research and also in the management of funds given entirely for the purpose of research.

The Research Department suffered also a great loss in 1958 in the resignation of its Committee Chairman, Mr. S. Hazard Gillespie, Jr. who since 1955 had been most diligent in conducting its affairs. Mr. Earl Osborn was appointed to replace him.

Financial

While the progress of research in a department such as ours is dependent upon the activity of the scientific investigators who are appointed to its staff or to the efforts of the clinicians of the Hospital staff who receive its support, nevertheless the extent of their activities is in the last analysis based upon the amount of financial aid which can be given them. Research procedures today are complicated and require not only expensive material and equipment but also the technical help of many skilled persons whose annual salaries add up to a large sum. For this reason statements of income and expenditure are always important in reports of Directors of Research.

Research Departments never have enough income to do as much work as their investigators would like to do and therefore are always seeking to find additional sources of funds. While in the new Era of Research large amounts of funds are available for support of research from the National Institutes of Health or other Federal Agencies, or in the form of grants from Private Foundations, these grants never cover the salaries of the principal investigators or of their chief assistants and only occasionally pay the cost of expensive equipment needed for the study. The amounts allowed in these grants for overhead costs of the Research Department or Institute are estimated on a percentage basis and are always too small to cover more than a small part of the actual overhead cost. This is true to such an extent that often-times an institution has to pause and consider whether it can afford to apply for a grant for a research project which it is desirous of carrying out.

A statement of the financial operations of the Department is published elsewhere in this report and comment here will be restricted to a few points. Our income is largely derived from the Bicknell and Coe Trust Funds and from such gifts and donations as may be given directly to the Hospital for the purpose of research. As a result of unexpected circumstances which are not likely to be repeated, we received a total income of \$252,827.00 as compared with a budgeted estimate at the beginning of the year of \$178,619.85. Against this we had a total expenditure of \$193,173.83 including equipment bought at the cost of \$52,862.91. We actually ended the year with a surplus of \$52,656.97 which is most welcome as it leaves a sum which may be applied to the budget for 1959 and particularly towards the vast but as yet inestimable cost of equipping the new Research Building. Our grants-in-aid amounted to a total of \$68,927.00 which is small in proportion to the resources of our Department and this amount should be considerably increased during the coming years.

Nonetheless in spite of the report of successful financial operations in 1958 those of us who are responsible for the direction of the research program for the Hospital for Special Surgery face the year 1959 with considerable anxiety. We cannot as yet estimate the cost of the expanded research program which will result from the completion and occupancy of the Alfred Caspary Research Building. We have appointed Robert Mellors, Pathologist of the Hospital to serve as Associate Research Director beginning January 1, 1959. His field of research is Cancer and the Collagen Diseases. We have made commitments to appoint a team of investigators to work with him which will include an Assistant Patholo-

gist and Electron Microscopist, a Microbiologist and an Immunologist. This is only a sample of the way our work may expand in the new building. We want to be able to staff our laboratories and we must be able to snatch top-notch investigators when they come along. In our employment procedures we follow the policy that second best is never good enough and only the best will do.

Appointments

The following appointments were made during the year:

Jacques Gascon, M.D., Research Fellow in Rheumatic Diseases, July 1, 1958 to July 1, 1959.

William Arnold, M.D., Orthopedic Research Fellow, April 1, 1958 to April 1, 1961.

Robert Tate, M.D., Junior Orthopedic Research Fellow, July 1, 1958 to July 1, 1959.

Russell Gee, M.D., Orthopedic Research Fellow, January 1, 1959 to January 1, 1962.

Leonard Korngold, Ph.D., Immunologist, effective July 1, 1959.

Fred Rapp, Ph.D., Microbiologist, effective July 1, 1959.

James C. Harkin, M.D., Assistant Pathologist and Electron-Microscopist, effective July 1, 1959.

J. Paul Harvey, Jr., M.D., Renewal of appointment as Orthopedic Research Fellow, January 1, 1958 to December 31, 1958.

The list of members of the research staff is listed on one of the following pages.

Research Projects (Clinical)

Research projects are undertaken by members of the clinical staff of the Hospital, sometimes with the assistance of investigators in the basic science laboratories and sometimes not. Since we began the operation of the Research Department in 1955 as a separate administrative unit we have registered 49 Research projects and of these 22 have been completed, 7 were terminated for various reasons without being done and 20 are continuing. During 1958 there were registered 12 new projects and of these 4 have been completed and 8 are continuing. Reports on the progress of these works are given at the end of this report.

Research in the Basic Sciences

We maintain laboratories in various basic medical sciences each with its own experienced chief investigator. Some of these are working in grant supported projects; others are supported by institutional funds. Some of these are working in cooperation with clinical

investigators in which case their projects are numbered and their work is included in the following reports of progress. Others are not so included and this work will now be reported as follows:

1. LABORATORY OF BIOCHEMISTRY — Charles J. Umberger, Ph.D., Director; Frank Fiorese, Ph.D., and Giovanni Marsigli, M.D.

This Research Laboratory was crowded out of present accommodations by the need of expanding the clinical laboratory facilities of the Hospital following the appointment of Dr. Robert Mellors as Pathologist and Director of Laboratories January 1, 1958. Due to the efforts of Dr. Umberger to whom we owe great thanks we were able to find temporary facilities in the basement of the Health Department Facility on East 69th Street not too far from the Hospital and we transferred equipment there and established a temporary laboratory where the research can be carried on without too great handicap. Nevertheless we are looking forward to the reorganization of this laboratory in the new building. The work of this Laboratory is reported in 2-52-O.

2. LABORATORY OF HISTOCYTOCHEMISTRY — Edgar Tonna, Ph.D., Director

Dr. Tonna has continued his study of the activity of the osteoblasts of the periosteum of rats at varying ages and his report of progress will be found in Project Report 4-55-HC.

3. LABORATORY OF MINERAL METABOLISM — Felix Bronner, Ph.D., Director

Some of Dr. Bronner's studies have direct clinical relations with regards to osteoporosis and loss of minerals from the skeleton and these are reported in Projects Reports 42-58-O and 43-58-O. Other studies are of an experimental nature and are reported here.

a) Studies in parathyroid physiology:

Work involving a large number of immature (31 day old) rats has shown that the administration of parathyroid hormone to intact animals will cause excretion in the urine of calcium that had most recently been deposited in the skeletal system. It appears that resorption of the bone salts proceeds along the same route by which the bone salts are deposited. This was demonstrated by showing that the ratio (Ca-45 content of the bone ends: Ca-45 content of bone shaft) was consistently higher in the animals treated with parathyroid extract. In a double labelling experiment in which rats received Ca-45 when they were one month of age, and Sr-85 when they were three months of age, followed immediately by treatment with parathyroid extract, a greater proportion of the more recently deposited isotope was mobilized than of the isotope that had been deposited some weeks previously. This conclusion was confirmed in another experiment in which Sr-85 was given to one month old rats and Ca-45 to the rats when they were three months old. Although it has not been possible to demonstrate that the administration of parathyroid extract affects calcium absorption, the data suggest a shift of calcium throughout the soft tissues, as for example, a rise in liver calcium. All of these findings are consistent with

the suggestion that parathyroid extract promotes the release of calcium from the skeleton in a sequential manner, the most labile calcium being removed first.

b) Kinetic studies of renal handling of calcium:

Studies in dogs, carried out in collaboration with Dr. David D. Thompson, of Cornell University Medical College, have shown that calcium, like sodium, is not only filtered at the glomerulus, but that it also enters the renal tubule by some other path. This was demonstrated by studies in which the rate of appearance in the urine of arterially injected Ca-45 was compared with the rate of arterially injected creatinine, which is a substance known to be neither absorbed nor secreted by the kidney tubules. Phosphate was found to be handled somewhat similarly, although its appearance in the urine preceded that of creatinine by less time than that of calcium or sodium. In general, strontium, sodium, and calcium behaved similarly. Potassium, on the other hand, appeared the earliest of all ions studied and its rate of appearance in the urine was consistent with the possibility that the tubular cells of the kidney in fact secrete this ion. Surprisingly, magnesium behaved as though it were only filtered at the glomerulus without any transtubular component.

This laboratory has now grown to a staff of four technicians, one assistant and a part-time secretary.

During the year Dr. Bronner gave lectures at the Rockefeller Institute and the Gordon Conference on the Chemistry, Structure and Physiology of Bones and Teeth and also participated in a Research Conference on Calcium Requirements and Metabolism in Health and Disease sponsored by the National Dairy Council. He was elected to fellowship in the American Association for the Advancement of Science and to membership in the Orthopedic Research Society and the Biophysics Society.

4. LABORATORY FOR STUDY OF MACROGLOBULINS — Ralph Heimer,
Ph.D., Director

The Director of this laboratory and his staff working in close cooperation with Dr. Freyberg, Chief of the Rheumatic Disease Section has been working intensively on the Separation and Identification of Rheumatoid Factors occurring in the blood serum of patients with rheumatoid arthritis. A report of the progress of their studies follows.

Separation and Identification of Rheumatoid Factors in Blood Serum

Studies on the nature of a component found in the blood of individuals with rheumatoid arthritis are being continued in the Laboratory for Rheumatic Diseases. This component, commonly known as the Rheumatoid factor, is the object of intense research in this country and abroad, as its specificity for individuals with rheumatoid arthritis seems to hold the promise of a factor intimately tied up to either the origin or the progress of this disease.

This factor was shown in our own laboratories not to be merely a single substance, but really a complex of closely related high molecular weight protein molecules. Our studies, carried out on the blood of individual donors, revealed the rheumatoid factors to be present in small quantities, but with an unsuspected variety of physical and chemical

characteristics. On the basis of our studies a hypothesis was proposed which claims that no two individuals make the same type of rheumatoid factors. This hypothesis is now being tested by means of painstaking analysis of the isolated materials' molecular dimensions and chemical characteristics.

A proper chemical and physical description of the factors is needed for a number of reasons:

- 1) Little information is available presently concerning the chemistry of these materials.
- 2) Such information might be correlated with data amassed here and elsewhere for deciding whether the rheumatoid factors constitute a unique class of chemical molecules or whether they bear a relationship to other protein material found in the blood.

Comparison of the chemical properties of the rheumatoid factors to similar components of the blood of healthy as well as diseased subjects, may lead to the discovery of the true function of the rheumatoid factor. This in turn could shed light on the nature of the disease process.

As a consequence of present studies, the following seems to be a good working hypothesis.

The rheumatoid factors are not a unique family of high molecular proteins. They resemble in certain respects the proteins found in the blood of individuals having malignancies, liver diseases, syphilis and disorders of the blood. Similarities also exist between the aforementioned proteins and certain naturally occurring antibodies. Some investigators have actually postulated that the rheumatoid factors are antibodies against products of tissue breakdown. In line with such thinking a series of experiments is being conducted in our laboratories designed to test such an antibody hypothesis.

5. LABORATORY FOR STUDY OF CANCER AND CONNECTIVE TISSUE DISEASES — Robert C. Mellors, M.D., Ph.D., Director

Preparations for the organization of this Laboratory in the new Research Building are now being made. Dr. Mellors has assumed his post as Pathologist and Director of Laboratories of the Hospital on a half-time basis. Beginning January, 1959 he will devote full time, the remainder of his time being devoted to Research in the fields of Cancer and the Connective Tissue Diseases. He has been appointed an Associate Director of Research and will have three experienced investigators whose names were previously mentioned working with him. He has been assigned an entire floor of the Research Building as working space.

Research Projects

The following are reports of progress of the various continuing Research Projects.

1-50-R Richard H. Freyberg, M.D., Director

"Investigation of Effects of Pharmaceutical Substances in Rheumatic Diseases"

The research done under this designation is a heterogeneous program chiefly of clinical

investigation in the problems of rheumatic disease. The support for this group of studies is from several anonymous donors to the Fund for Research in Rheumatic Diseases, which was established in the hospital approximately fourteen years ago, and has been continued through repeated donations and some new donations since that time. Originally, this fund supported the laboratory studies done by the investigators in the Rheumatic Disease Department, but this has largely been supported recently by funds from institutional grant of the Education and Research Department of the Hospital, and all of the grant-in-aid from the Public Health Service now supports this laboratory program. Therefore, this laboratory program will not be reported on in this review.

Most of the investigations supported under the designation 1-50-R are evaluations of various medications that are developed by different pharmaceutical houses that have been prepared either as refinements of known beneficial therapeutic agents or as entirely new drugs whose value needs to be determined. Under carefully controlled conditions these new preparations are being evaluated. The studies during the past year have included chiefly the controlled evaluation of different anti-malarial drugs that have been reported to have various degrees of benefit for rheumatoid arthritis and for systemic lupus erythematosus. These results are being summarized for report to be made soon in an appropriate medical journal. Generally, results of our studies have indicated that there is less benefit from these anti-malarial agents for either analgesic value or anti-rheumatic effect than some other investigators have reported. There is, however, rather dependable benefit through means not yet understood in relieving the activity of the syndrome of systemic lupus erythematosus. Some patients who have less severe illness of this type require no corticosteroids when anti-malarials are used in appropriate doses, and those who require corticosteroids need less of this medication when given simultaneously with anti-malarials.

Another group of drugs in which we have been considerably interested is the group of steroid preparations made for intra-articular use. Recently, triamcinolone acetonide has been prepared, and our studies indicate that this has superiority over previously used corticosteroids when injected directly into the joints. It is tolerated very well. It gives increased relief and somewhat more prolonged relief. However, the differences following injection of this new preparation as compared to the previously available preparations are relatively slight, in the order of ten to twenty per cent superiority.

Dr. Gascon during this past year has made a careful study of the incidence, the complications, of osteoporosis in the corticosteroid-treated patients with rheumatoid arthritis, and is summarizing this information for publication. The frequency of osteoporosis with complicating fractures is surprisingly high in this corticosteroid-treated group of rheumatoid arthritis and presents problems of prophylaxis that will need to be resolved.

This fund has supplemented the salary of one of the Research Fellows. It has paid for various investigations in the clinical and pathologic laboratory of the hospital that are primarily research studies. It has paid for a part-time secretary working with the group of investigators in this department which has no other source for budgetary funds, and transportation of various staff investigators to attend scientific meetings has been paid from this fund for research.

The work done in this category is in my opinion a very important part of the closely

integrated clinical and research program of the department. It is expected to continue indefinitely.

2-52-O Charles J. Umberger, Ph.D., Director

"Biochemical Studies of Stress Induced Urinary Changes"

Experimental work in Bio-chemical Research on post-operative urinary changes has concentrated on clarification of two of the problems initiated in the early part of the investigation.

(1) The question of the origin of trigonelline in the urine as a possible dietary factor has been settled. Studies of the normal excretion under different diets and fasting have shown that the actual urinary concentration is far greater than could possibly occur from ingestion of foods, particularly coffee which has the highest trigonelline content. All evidence indicates that the product is a normal metabolite.

(2) The fact that practically all of the salicylic acid ingested as aspirin is converted to salicyluric acid in the immediate post-operative period has been reported by this group. In normal subjects, the conversion of salicylic to salicyluric acid is variable. In order to complete this work, it is necessary to develop an analytical method for quantitatively determining the concentration of both salicyluric and salicylic acid when both are present as a mixture. Existing methods which require an involved separation of the two components incur considerable error. Two separate procedures for this analysis are under investigation.

4-55-HC Edgar A. Tonna, Ph.D., Director

"Study of the Mitochondrial Variations in Aging Osteoblasts of the Periosteum"

The experiments designed to study the mitochondrial variations in aging osteoblasts have been concluded. The results are in the process of being submitted for publication.

The work revealed that the mitochondrial complement is not only altered by aging but reflects the degree of osteoblastic participation in the production of bone matrix prior to ossification. The changes seen in mitochondria are paralleled by their rate of respiration. A measure of the respiratory rate of these cells or an evaluation of the status of their mitochondrial complement can be used to estimate the degree of active participation in various processes, e.g., bone growth, remodelling, repair, etc.

A more reliable indication of this participation would be expected from measurements of the very enzyme which is responsible for the final liberation of the energy required to carry out these processes (adenosine triphosphatase). Methods have recently become available for the detection and measurement of this enzyme at a cellular level. At present no work has been reported dealing with the skeletal system and ATPase activity. Preliminary work has been started to demonstrate the distribution, abundance and localization of ATPase, and to study the role of this enzyme during bone and cartilage formation at various ages.

7-55-O Jerome Lawrence, M.D.

"Study of the Viability and Survival of Embryonic Joint Cartilage with Reference to Possible Transplantation"

The investigator reports that he hopes to continue with this project, but that at present he is unable to find sufficient time. It is therefore being deferred for a year.

8-55-O Preston A. Wade, M.D., and Robert L. Patterson, M.D., Combined Fracture Service of the New York Hospital and the Hospital for Special Surgery

"Comprehensive Follow-up Study of Patients who have Undergone Bone Fractures and other Skeletal Injuries with Relation to Teaching and Improved Methods of Treatment"

Dr. Robert L. Patterson and Dr. Preston A. Wade, with the assistance of Dr. Paul W. Braunstein, Dr. Rolla D. Campbell, Jr., Dr. Howard Balensweig and Dr. Peter Marchisello — these six members of the Staff — have continued the study of the traumatized patient.

We have continued to receive ambulance cases from Beth David Hospital, Roosevelt Hospital and Knickerbocker Hospital, so that the clinical material has continued to be quite satisfactory.

The Third Annual Postgraduate Course on Trauma was given in June and was well received, there being 51 sessions during the week and 87 surgeons attending the sessions.

The text book "Surgery of Trauma" will be published before June, in time for the A.M.A. meeting at Atlantic City and in time for the Fourth Annual Course on Fractures and Other Trauma. The manuscript went to the publisher on January 9th. Much of the photography, X-ray reproduction and artists' drawings was supported by the Fracture Service.

Dr. Paul Skudder, who was added to the Staff of the New York Hospital in charge of the Emergency Room on July 1, 1958, is working closely with the Fracture Service. He is on a fellowship partially supported by the hospital and partially supported by the Automotive Crash Research Fund under the direction of the Department of Hygiene and Public Health at Cornell. His work is also partially supported by the American College of Surgeons. The Trauma Committee of the American College of Surgeons has initiated a study of Emergency Room care of the injured patient and will use the work done by Dr. Skudder at the New York Hospital as a pilot study. From the first of the year Dr. Skudder will study all cases admitted to the New York Hospital and will then, in the second phase of the work, add other hospitals in the country. Drs. Rolla Campbell, Paul Braunstein and Preston A. Wade presented four papers at the meeting of the Association of Trauma. The work of Dr. Braunstein was a report of experimental investigation of the circulation of the femoral head in dogs after section of the femoral neck. He, also, with Mr. John O. Moore, presented a paper entitled "The Fallacy of Whiplash Injury in the Neck". Dr. Wade presented a paper on Supracondylar Fractures, and Dr. Wade and Dr. Campbell presented a paper on Intertrochanteric Fractures. We are continuing the inves-

tigation of femoral head circulation and Dr. Braunstein, in association with Dr. John W. Draper, has entered upon an experimental project involving bone healing.

The weekly Tuesday evening Fracture Conferences have been well attended and will be continued throughout the year.

13-56-CP William Cooper, M.D.

"Investigations in the Field of Cerebral Palsy"

1. Standard clinical records, employing the forms previously submitted, have been completed on practically all patients in the Cerebral Palsy Clinic. Data contained in the records has been coded and transferred to McBee sorting cards in 1000 cases (500 from the Cerebral Palsy Clinic, and a matching 500 from the Roosevelt Cerebral Palsy Center).

2. Analysis of the data has been carried out in detail. The portion dealing with *prognosis in cerebral palsy* will be presented at the American Orthopaedic Association meeting, and has been submitted for publication in the Journal of Bone and Joint Surgery.

3. A grant of \$2500.00 has been assigned to the Eye Department of New York Hospital at our request for a joint study on *ocular problems in cerebral palsy*. (Grant by United Cerebral Palsy Associations).

4. A movie is being prepared (with the aid of funds from the Department of Health) on *Management of Cerebral Palsy in a Modified Environment*.

17-56-O L. Ramsay Straub, M.D., Secretary, Committee on Training of Orthopaedic Residents. Educational Grant

This project has provided funds to pay the tuition (\$250 per resident) for the Residents to take Dr. Jaffe's special course in Bone and Soft Tissue Pathology. This has been an invaluable experience for each of the men. It has provided training to the following residents and fellows this year:

Dr. Harlan C. Amstutz

Dr. Charles R. Dunbar

Dr. Patrick J. Barry

Dr. Wm. D. Graham

18-56-R Russell L. Cecil, M.D., and Wm. H. Kammerer, M.D.

"Follow-up Study in Rheumatoid Arthritis"

This is to report on Research Project 18-56-R — a long term follow-up of Rheumatoid Arthritis. Two hundred random-selected cases have been studied. All those living have been traced and most have been interviewed and examined. Dr. Donald Mainland, the biostatistician associated with the project, is reviewing the data and through his public health connections is securing the cause of death from various Departments of Health throughout the country on some thirty-six patients who have died. It is anticipated that this work will be in manuscript form in the Fall.

19-56-O Lewis Clark Wagner, M.D., and Associates

"Wedge Osteotomy of the Neck of the Femur in Advanced Cases of Displaced Upper Femoral Epiphysis"

This review has been completed and the author is preparing his material for publication in the near future.

20-56-O Philip D. Wilson, Jr., M.D., Director

"Experimental Production of Scoliosis and Study of Vertebral Growth in Young Animals"

This study has been in abeyance during the last year pending the opening of the new building and facilities for study on a greater variety of animals.

22-56-O Victor Mayer, M.D., and H. Eichenwald, M.D.

"Osteoid Osteoma, Etiological Investigation by means of Viral Techniques"

Since the onset of this project, 11 specimens have been examined for viral agents. Of these, 9 were bone and 2 were blood samples. Of the 2 latter, one blood sample was in a young girl, who we had hoped would progressively demonstrate osteoid osteoma, because of symptoms which so closely resembled, but as yet, this has not been established. Of the bone specimens, at least 2 have not been confirmed pathologically demonstrating osteoid osteoma.

All the specimens were tested against human amniotic epithelial cells in tissue culture and were observed for prolonged periods, extending up to three months. In addition, one half of the specimens were tested against "hela" cells, as well as, monkey kidney, human liver cells and human fibroblasts. Three specimens were tested against chick embryo with a possibility of the bone anlage in the embryo acting as a better medium for growth. In general, centrifugation was done and supernatant fluids used.

Three specimens were injected into cortisone pre-treated mice and rabbits. This was done subcutaneously, intracerebrally and intravenously. Following autopsy of the animals, specimens of brain, bone from the femur, vertebra and skull, liver, fat and kidney were then taken and used for test against human amniotic epithelial cells. The use of the cortisone pre-treated mice was done because in this instance, the mice become extremely susceptible to viral agents.

It has also come to our attention that another laboratory in Boston has also been trying to culture aviral agent from osteoid osteoma during the past year.

In summarization, as yet, no positive growth has been obtained nor any suggestive indication of growth.

It is proposed to continue in the future with new specimens and again continue with viral cultures, utilizing various media which are available since there are so many known factors, which may be present both from the host standpoint, as well as, the medias used for growth. It is felt that it would be wise to continue the present efforts, in spite of negative results, since notoriously, the viral cultures are extremely difficult. It is also

hoped in the future to expand further use of animals in implantation of the virus and secondary recovery for culture.

23-56-O Victor Mayer, M.D., and Associates

"Problems in the Rehabilitation of Patients with Arthrogryposis Congenita Multiplex"

This review has been completed and it is planned to publish two papers which are now in process of preparation. The first will deal with the Public Health aspects of this condition and the second will report the individual cases and summarize the conclusions.

30-57-O T. Campbell Thompson, M.D., L. Ramsay Straub, M.D., and Philip Granieri, M.D.

"Epiphyseodesis and Treatment of Inequality of Leg Length"

This review has been completed and the results will be presented at the next meeting of the American Orthopedic Association, preliminary to publication.

32-57-O John R. Cobb, M.D., P. D. Wilson, Jr., M.D., and C. Veliskakis, M.D.

"Neurofibromatosis and Scoliosis"

An exhibit showing the results of this study was shown at the meeting of the American Academy of Orthopedic Surgeons in New York in January, 1958. Additional cases are being studied and these results will be added to the previous cases. Additional cases are being followed at the present time. It is expected that the material will be ready for publication in 1959. The exhibit has been further modified and is being presented to the American Medical Association Convention in 1959.

33-57-XR R. Freiburger, M.D., B. Loitman, M.D., and M. Helpert, M.D.

"Osteoid Osteoma"

The paper entitled "Osteoid Osteoma, a Report of 80 Cases" was accepted for publication by the American Journal of Roentgenology, Radium Therapy and Nuclear Medicine in October, 1958, but has not yet been published. The exhibit was shown at the American Roentgen Ray Society and the Cornell Alumni Program in 1958.

35-57-O Bernard Jacobs, M.D.

"Osteosynthesis of Bone by Plastic Cement"

The purpose of this study is to make an experimental trial of fixation of broken bones in animals, by the use of a plastic cement-like substance now released by a commercial manufacturer under the trade name of Ostamer. This is a polyurethane foam-like material which when introduced between the ends of broken bones fixes them solidly together

at the same time forming many fine canals through which it is claimed fracture callus will grow. This substance holds promise of clinical application and we are anxious to learn more about it before clinical trial. Our experiments have been delayed through inability to obtain packaged and sterilized material, but we are anticipating receiving the necessary supply early in 1959.

38-58-O Peter J. Marchisello, M.D.

"Study of Osteogenesis by Tissue Culture Methods"

At the present time, the Tissue Culture Laboratory is in functional operation. It is equipped with the basic material prerequisite in any tissue culture laboratory enabling us to perform basic studies in normal and abnormal conditions related to orthopaedics and rheumatology. The present program is designed to study tissues by first dissociating them into individual cellular components and to try to reorganize these cells into tissues suitable of being restored to their histological type. By controlling the environment physiological changes can be produced in order to favor actual bone growth. Such studies when supplemented with time lapse photography give a clear cut picture of how cells divide and assume their physiological characteristics.

39-58-O James A. Nicholas, M.D., Philip D. Wilson, M.D., and Robert H. Freiburger

"Demineralizing Conditions of the Bone"

The original studies and follow-up data on 105 patients with osteoporosis of the spine and vertebral compression fractures have been reviewed and brought up to date. Interesting material is being assembled which will be presented in a paper before the American Academy of Orthopedic Surgeons in January, 1959. It is also planned to present an exhibit on many of these interesting cases.

40-58-O William Arnold, M.D.

"Orthopedic Disorders of Genetic Origin and Congenital Anomalies"

This project concerned with a study of etiologic factors in club feet has largely been completed. Nearly 100 families were interviewed and the preliminary report was presented to the research society of the Hospital for Special Surgery in February, 1959. At present the material is now being prepared in manuscript form and it is anticipated that it will soon be submitted for publication.

A corollary project for which no funds were requested was concerned with anatomical studies of congenital anomalies. Several of these have now been completed and others will be carried out when the material becomes available. Considerable data upon an anatomical study of a specimen of congenital absence of the fibula has been incorporated into an article on the treatment of congenital absence of the fibula which will be published in a volume of "Clinical Orthopedics" this year.

41-59-O Joseph Moldaver, M.D.

Book on Electromyography and Electro-diagnosis

A book on electrical diagnosis in neuromuscular diseases is in preparation. This will be published by Charles Thomas.

It is intended to cover the different techniques used — that is to say, electrical stimulations of nerves and muscles as well as the field of electromyography.

A grant has been given for the illustrations of the book. These will include drawings and reproductions of photographic recordings of the electromyographic patterns.

This book intends to bring together information useful to the diagnosis of neuromuscular diseases as well as their prognosis.

42-58-O Dr. Felix Bronner, Philip D. Wilson, M.D., James A. Nicholas, M.D., John R. Cobb, M.D., and Philip D. Wilson, Jr., M.D.

"A Study of Demineralization with Special Reference to Scoliosis"

The laboratory has been fortunate in securing substantial support from the Atomic Energy Commission and the National Institutes of Health for the purpose of carrying out clinical studies in osteoporosis. This program required considerable preparation such as new instrumentation, the addition of new personnel, and added laboratory space.

43-58-O Dr. Felix Bronner, Philip D. Wilson, M.D., and James A. Nicholas, M.D.

"Mineral Metabolism in Post-Menopausal Osteoporosis"

In this investigation it is proposed to carry out balance studies in patients with osteoporosis and to check the rate of calcium excretion with use of radio-active calcium-45 and strontium-85. Before beginning on the clinical study, it is proposed to make similar studies on normal volunteer controls, in order to determine normal values. The matter of securing these volunteers has taken considerable time, but plans are now being made to begin these studies early in 1959. Two volunteers representing pre-menopause and post-menopausal ages are to be used. The results on these studies will be reported in 1960.

44-58-CP William Arnold, M.D., and William Cooper, M.D.

"Evaluation of Surgical Treatment in Cerebral Palsy"

This study which is concerned with the results of surgery in cerebral palsy patients is now getting underway. The charts of approximately 100 patients have now been reviewed and a considerable number of these patients seen. It will be necessary to review the records of 2 or 3 hundred more patients and to personally interview another like number. Motion picture studies and gait studies in these patients are being deferred until funds become available. A detailed application for a program grant from the United Cerebral Palsy Foundation has been prepared and submitted to this organization. It is hoped that this will be approved and funds will be available for a more elaborate study of these

patients. However even if the funds are not available and the project is not approved by the United Cerebral Palsy Foundation I believe that a worthwhile study can still be carried out.

46-58-P Robert C. Mellors, Ph.D., M.D.

"Pathologic and Immunologic Studies of Connective-Tissue Diseases"

The articular bones in a joint are held together by a tough fibrous capsule which is lined by a specialized membrane called the synovial membrane. The synovial membrane produces a liquid secretion which is required for the nutrition and the lubrication of the joint surfaces of the articular bones. In rheumatoid arthritis the synovial membrane becomes inflamed, for reasons unknown, and grows over and destroys the joint surfaces of the articular bones. Microscopic examination of sections of the inflamed synovial membrane indicates that there are several varieties of inflammatory cells present. Among these are cells — called plasma cells — which in other locations in the body are known to produce antibodies or immune bodies, such as those that combat bacterial infection. But in rheumatoid arthritis there is no known bacterial infection of the joints so that the presence of the plasma cells must have other significance. It is known, however, that an antibody-like material, the rheumatoid factor, makes its appearance in the blood of patients with rheumatoid arthritis. One of our endeavors is to determine by utilizing a recently developed microscopic procedure where the rheumatoid factor is formed in the tissues, whether in the plasma cells or elsewhere. If we find where the factor is formed we might also, by utilizing similar procedures of study, determine why it is formed and thus gain knowledge of the cause of rheumatoid arthritis.

48-58-P Robert C. Mellors, Ph.D., M.D.

"Study of Etiologic and Pathogenic Mechanisms in Cancer"

(Study of Cause and Characteristics of Cancer)

Cancer is characterized by the growth of a new tissue not normal to the individual. The growth of the cancer tissue is brought about by an endless succession of cell divisions in which each parent cell divides into two daughter cells, these in turn divide into four, and so on until astronomical numbers of cells — now forming a cancer mass — exist. There are two principle ideas concerning how this may be brought about:

1) cancer may be caused by some unknown, internal factor which interferes with the chemical machinery of the cells that ordinarily regulates or controls cell division; and

2) cancer may be caused by the entrance into the cell of some foreign agent (we call it an extrinsic agent) which interferes with the regulatory chemical machinery. Such extrinsic agents, in the form of viruses, are known to cause cancers of certain types in some experimental animals (chickens, rabbits, mice). In view of this fact, the possible role of viruses in the causation of cancer in man commands serious attention. There is, nevertheless, one feature of a virus-induced disease which is lacking in human cancers: there is no evidence that human cancers are transmitted from one individual to another

by contact, as, for example, is the case with measles, chicken pox, and the common cold or the virus-induced cancers in experimental animals, such as leukemia of chickens. In other words, a human cancer virus, if such exists, is not infectious. Recent work carried out in other laboratories with certain nontumor-producing virus suggests, that some viruses may exist in either of two forms: 1) an infectious and chemically complete form, and 2) a noninfectious and chemically incomplete form. Viruses in the incomplete form apparently consist of a chemical substance called nucleic acid which is similar in composition to the chemical materials that regulate or control cell growth and division. It is possible therefore that the entrance into the cell of an extrinsic agent similar to an incomplete or noninfectious virus is the cause of some cancers in experimental animals and in man. Upon the opening of the Caspary Research Building, we will undertake once again under the auspices of the National Cancer Institute our investigative work on viruses and cancer causation because of its fundamental aspects and its possible eventual implications for cancer therapy. This study will be undertaken with Dr. Rapp (a microbiologist and virologist); and it is evident that a nucleoprotein chemist is also much needed in the study group.

49-58-O John B. Sullivan, M.D.

"Induction of Bone in Rats with Extracts of Bovine Bone and Cartilage"

Experiments are being conducted on young rats to attempt to induce ectopic ossification with osseo-mucoprotein and renal pelvis epithelium.

Respectfully submitted,
PHILIP D. WILSON, M.D.
Research Director

**NEW YORK SOCIETY FOR THE RELIEF OF THE
RUPTURED AND CRIPPLED
MAINTAINING THE HOSPITAL FOR SPECIAL SURGERY
MARGARET M. CASPARY CLINIC
DEPARTMENT OF EDUCATION AND RESEARCH
PHILIP D. WILSON RESEARCH FOUNDATION**

**Details of Changes in the Research Funds
During the Year Ended December 31, 1958**

| | <i>Total All Funds</i> | <i>Education and Research Fund</i> | <i>U. S. Public Health Grants</i> | <i>Atomic Energy Commission Grant</i> | <i>Other Grants</i> |
|---|--------------------------------|--|---|---|-------------------------|
| BALANCE AVAILABLE AT | | | | | |
| DECEMBER 31, 1957 | \$199,644.38 | \$168,965.28 | \$19,051.95 | \$ — | \$ 8,627.15 |
| ADDITIONS: | | | | | |
| Income earned and appropriated | 48,094.93 | 48,094.93 | | | |
| Gifts and Grants received . | 256,102.54 | 168,789.65 | 38,585.00 | 24,151.00 | 24,576.89 |
| TOTAL ADDITIONS . . . | 304,197.47 | 216,884.58 | 38,585.00 | 24,151.00 | 24,576.89 |
| EXPENDITURES: | | | | | |
| Salaries | 123,080.21 | 96,941.66 | 23,259.30 | 2,742.00 | 137.25 |
| Expenses | 33,613.62 | 27,768.75 | 3,189.74 | 835.44 | 1,819.69 |
| Overhead | 36,480.00 | 32,556.85 | 2,238.28 | 1,159.87 | 525.00 |
| Equipment purchased . . . | 52,862.91 | 42,804.51 | 938.75 | 9,119.65 | — |
| TOTAL EXPENDITURES | 246,036.74 | 200,071.79 | 29,626.07 | 13,856.96 | 2,481.94 |
| BALANCE AVAILABLE AT | | | | | |
| DECEMBER 31, 1958 | \$254,805.11 | \$185,778.09 | \$28,010.88 | \$10,294.04 | \$30,772.10 |

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Sidney Rothbard, M.D., Instructor in Rheumatic Diseases and
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Leonard Korngold, PH.D., Immunologist
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AUDITORS' CERTIFICATE

Board of Managers

New York Society for the Relief of the Ruptured and Crippled

Maintaining the

Hospital for Special Surgery and the Margaret M. Caspary Clinic

New York 17, N. Y.

We have examined the balance sheet as of December 31, 1958, of New York Society for the Relief of the Ruptured and Crippled, Maintaining the Hospital for Special Surgery and the Margaret M. Caspary Clinic, and the related statement of income and expense for the year then ended.

The records of the Investment Fund, Permanent Funds, Temporary Funds for Designated Purposes and the Plant Fund are maintained by the United States Trust Company of New York. We reviewed the transactions in these funds, but our detailed examination was limited to the records of the Building Funds and the Research Funds which form part of the Temporary Funds. The details of the assets and principal balances of the funds not audited at December 31, 1958, and the transactions in these funds during the year, as incorporated in the accompanying balance sheet and supporting schedules, were furnished to us by the United States Trust Company.

Our examinations of the Operating Fund, Building Funds and the Research Funds were made in conformity with generally accepted auditing standards, and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

In our opinion, subject to the foregoing, the accompanying balance sheet and supporting schedules and the statement of income and expense fairly present the condition of the Society at December 31, 1958 and the results of its operations for the year then ended, in accordance with generally accepted principles of accounting, applied on a basis consistent with that of the preceding year.

MACNICOL, JOHNSON & Co.

New York, N. Y.

April 15, 1959

**NEW YORK SOCIETY FOR THE RELIEF OF THE
RUPTURED AND CRIPPLED
MAINTAINING THE HOSPITAL FOR SPECIAL SURGERY
MARGARET M. CASPARY CLINIC**

**Condensed Comparative Statement of Income and Expense
For the Years Ended December 31, 1958 and December 31, 1957**

| | <i>Year Ended December 31,</i> | |
|---|------------------------------------|----------------|
| | <i>1958</i> | <i>1957</i> |
| INCOME FROM PATIENTS, LESS ALLOWANCES..... | \$1,945,306.12 | \$1,678,327.67 |
| Less: Provision for uncollectible accounts receivable..... | 18,000.00 | 18,000.00 |
| INCOME FROM PATIENTS AFTER DEDUCTIONS..... | 1,927,306.12 | 1,660,327.67 |
| Add: OTHER HOSPITAL OPERATING INCOME | | |
| Collections on accounts previously written off..... | 2,442.59 | 762.56 |
| Purchase discount | 4,541.02 | 3,509.60 |
| Rent income | 2,090.44 | 2,415.07 |
| Cafeteria receipts | 104,726.93 | 94,760.84 |
| Record room fees..... | 1,735.44 | 1,904.28 |
| Miscellaneous | 57,559.31 | 42,632.25 |
| TOTAL OTHER HOSPITAL OPERATING INCOME..... | 173,095.73 | 145,984.60 |
| TOTAL HOSPITAL OPERATING INCOME..... | 2,100,401.85 | 1,806,312.27 |
| OPERATING EXPENSES | | |
| Salaries and wages..... | 1,680,730.78 | 1,545,859.51 |
| Supplies and expense..... | 755,124.42 | 683,387.36 |
| Depreciation of buildings and equipment..... | 168,696.28 | 163,676.50 |
| TOTAL OPERATING EXPENSES (NOTE a)..... | 2,604,551.48 | 2,392,923.37 |
| HOSPITAL OPERATING LOSS..... | 504,149.63 | 586,611.10 |
| Less: Transfers from Temporary Funds for Free Work and for support of Cerebral Palsy Clinic..... | 161,097.53 | 87,432.40 |
| EXCESS OF HOSPITAL OPERATING EXPENSES OVER HOSPITAL OPERATING INCOME (CHARGED TO WORKING CAPITAL)..... | 343,052.10 | 499,178.70 |
| SUPPLEMENTARY INCOME | | |
| Interest and dividends (net)..... | 193,143.30 | 191,565.94 |
| Income from estates and trusts..... | 60,741.95 | 55,945.30 |
| Contributions — United Hospital Fund and Greater New York Fund..... | 15,663.00 | 9,772.00 |
| Other gifts and contributions..... | 62,359.86 | 48,989.50 |
| Women's Auxiliary — Social Service..... | 11,500.00 | 14,500.00 |
| TOTAL SUPPLEMENTARY INCOME..... | 343,408.11 | 320,772.74 |
| Less: | | |
| Fund Raising and Public Relations Planning..... | 28,350.45 | 27,822.56 |
| Miscellaneous legal and professional services..... | 19,301.19 | 17,345.17 |
| TOTAL DEDUCTIONS FROM SUPPLEMENTARY INCOME..... | 47,651.64 | 45,167.73 |
| SUPPLEMENTARY INCOME (NET) CREDITED TO INVESTMENT FUND PRINCIPAL..... | 295,756.47 | 275,605.01 |
| EXCESS OF EXPENSES OVER INCOME FOR THE YEAR..... | \$ 47,295.63 | \$ 223,573.69 |

NOTE (a)

Research expenditures incurred during 1958 for salaries and supplies amounting to \$156,693.83 were paid with special funds designated for such purposes and are not included in operating expenses above.

**NEW YORK SOCIETY FOR THE RELIEF
MAINTAINING THE HOSPITAL
MARGARET M.**

Comparative Balance Sheet as of

ASSETS

| | December 31, 1958 | December 31, 1957 |
|--|------------------------|------------------------|
| OPERATING FUND | | |
| Cash in banks and office.... | \$ 181,419.99 | \$ 122,973.21 |
| Patients' accounts receivable. \$ 236,814.12 | | \$ 205,997.07 |
| Less: Allowance for uncollectible accounts | 86,803.31 | 78,833.32 |
| | 150,010.81 | 127,163.75 |
| Due from Blue Cross Plans.. | 42,931.60 | 33,842.63 |
| Due from The National Foundation for Infantile Paralysis | 12,277.50 | 7,197.23 |
| Due from the City of New York | 6,301.05 | 11,219.80 |
| Miscellaneous accounts receivable | 1,458.69 | 4,506.78 |
| Inventory of materials and supplies | 48,092.64 | 43,150.98 |
| Prepaid expenses | 3,936.60 | 6,170.97 |
| Deferred expenses | 53,050.51 | 54,509.92 |
| TOTAL OPERATING FUND | <u>499,479.39</u> | <u>410,735.27</u> |
| INVESTMENT FUNDS | | |
| Cash | 81,398.12 | 92,153.76 |
| Loans receivable from doctors | 9,250.00 | 5,865.00 |
| Investments (Market value \$4,871,306.49) | 3,667,551.93 | 3,413,137.65 |
| TOTAL INVESTMENT FUNDS | <u>3,758,200.05</u> | <u>3,511,156.41</u> |
| PERMANENT FUNDS | | |
| Cash | 26,859.99 | 25,651.19 |
| Investments (Market value \$1,272,728.64) | 1,125,915.61 | 1,099,043.83 |
| TOTAL PERMANENT FUNDS | <u>1,152,775.60</u> | <u>1,124,695.02</u> |
| TEMPORARY FUNDS FOR DESIGNATED PURPOSES | | |
| Cash | 104,784.71 | 43,039.40 |
| Cash in savings bank..... | 6,986.07 | 7,249.80 |
| Investments (Market value \$2,472,055.86) | 2,400,422.41 | 3,136,287.24 |
| Inventory of supplies..... | 9,083.02 | 7,914.18 |
| Research Building under Construction | (a) | 151,275.63 |
| TOTAL TEMPORARY FUNDS FOR DESIGNATED PURPOSES | <u>2,521,276.21</u> | <u>3,345,766.25</u> |
| BUILDING FUND | | |
| Cash | — | 9,195.01 |
| PLANT FUND | | |
| Research Building under Construction | 1,020,602.22 | (a) |
| Hospital properties and equipment | | |
| Cost per books..... | 7,346,535.50 | 7,221,449.68 |
| Less: Accumulated depreciation | 483,842.87 | 315,146.59 |
| | 6,862,692.63 | 6,906,303.09 |
| TOTAL PLANT FUND | <u>7,883,294.85</u> | <u>6,906,303.09</u> |
| TOTAL ASSETS | <u>\$15,815,026.10</u> | <u>\$15,307,851.05</u> |

(a) At December 31, 1957, expenditures on the Research Building under Construction are included among the assets of the Temporary Funds for Designated Purposes.

OF THE RUPTURED AND CRIPPLED
FOR SPECIAL SURGERY
ASPARY CLINIC

December 31, 1958 and December 31, 1957

LIABILITIES, CAPITAL AND SURPLUS

| | December 31, 1958 | December 31, 1957 |
|---|-------------------|-------------------|
| OPERATING FUND | | |
| Accounts payable | \$ 91,325.06 | \$ 76,471.61 |
| Accrued salaries payable..... | 25,939.98 | 40,558.81 |
| Taxes payable | 24,273.53 | 20,814.82 |
| Sundry liabilities | 46,430.88 | 21,171.75 |
| Unexpended balances of special funds..... | 22,896.40 | 18,748.92 |
| Reserve for insurance premium adjustments..... | 36,000.00 | 36,000.00 |
| TOTAL OPERATING FUND LIABILITIES..... | 246,865.85 | 213,765.91 |
| WORKING CAPITAL | 252,613.54 | 196,969.36 |
| TOTAL OPERATING FUND LIABILITIES AND WORKING CAPITAL | 499,479.39 | 410,735.27 |
| TOTAL INVESTMENT FUNDS PRINCIPAL..... | 3,758,200.05 | 3,511,156.41 |
| PERMANENT FUNDS | | |
| Principal — Unrestricted as to Use of Income..... | 264,919.99 | 248,343.50 |
| Principal — Restricted as to Use of Income..... | 874,949.75 | 855,896.32 |
| Unexpended balance of Restricted Income..... | 12,905.86 | 20,455.20 |
| TOTAL PERMANENT FUNDS PRINCIPAL..... | 1,152,775.60 | 1,124,695.02 |
| TEMPORARY FUNDS FOR DESIGNATED PURPOSES | | |
| Unappropriated Principal | 2,520,021.57 | 3,313,531.41 |
| Unexpended income balance..... | 1,254.64 | 32,234.84 |
| TOTAL TEMPORARY FUNDS FOR DESIGNATED PURPOSES | 2,521,276.21 | 3,345,766.25 |
| HOSPITAL BUILDING FUND PRINCIPAL..... | — | 9,195.01 |
| PLANT CAPITAL | 7,883,294.85 | 6,906,303.09 |
| TOTAL LIABILITIES, CAPITAL AND SURPLUS.... | \$15,815,026.10 | \$15,307,851.05 |

**NEW YORK SOCIETY FOR THE RELIEF OF THE RUPTURED AND CRIPPLED
MAINTAINING THE HOSPITAL FOR SPECIAL SURGERY
MARGARET M. CASPARY CLINIC**

**Summary of Changes in Principal Balances of All Funds
During the Year Ended December 31, 1958**

| | <i>Total All Funds</i> | <i>Working Capital</i> | <i>Investment Fund Principal</i> | <i>Permanent Fund and Restricted Income</i> | <i>Temporary Funds for Special Purposes</i> | <i>Building Fund Principal</i> | <i>Plant Capital</i> |
|---|----------------------------|----------------------------|--|---|---|--|--------------------------|
| BALANCE — December 31, 1957.. | \$15,094,085.14 | \$ 196,969.36 | \$3,511,156.41 | \$1,124,695.02 | \$3,345,766.25 | \$ 9,195.01 | \$6,906,303.09 |
| <i>Add:</i> | | | | | | | |
| Legacies and gifts..... | 756,286.26 | — | 229,626.08 | — | 526,262.18 | 398.00 | — |
| Net profit (loss) from sale of investments | 52,589.72 | — | 6,737.77 | 35,629.92 | 10,222.03 | — | — |
| Transfers from other funds. | 1,569,462.13 | 398,696.28 | — | — | 25,077.81 | — | 1,145,688.04 |
| Non-operating income (net) | 421,909.79 | — | 295,756.47 | 33,759.26 | 92,394.06 | — | — |
| Receipts applicable to prior years | 7,825.40 | — | 7,825.40 | — | — | — | — |
| TOTAL ADDITIONS | 2,808,073.30 | 398,696.28 | 539,945.72 | 69,389.18 | 653,956.08 | 398.00 | 1,145,688.04 |
| <i>Deduct:</i> | | | | | | | |
| Disbursements charged against principal or accu- mulated income | 421,483.96 | — | 968.34 | 18,627.41 | 401,888.21 | — | — |
| Transfers to: | | | | | | | |
| Working capital | 398,696.28 | — | 230,000.00 | — | — | — | 168,696.28(a) |
| Temporary Funds for Designated Purposes... | 25,077.81 | — | — | 22,681.19 | — | 2,396.62 | — |
| Plant capital | 1,145,688.04 | — | 61,933.74 | — | 1,076,557.91 | 7,196.39 | — |
| Hospital operating loss..... | 343,052.10 | 343,052.10 | — | — | — | — | — |
| TOTAL DEDUCTIONS ... | 2,333,998.19 | 343,052.10 | 292,902.08 | 41,308.60 | 1,478,446.12 | 9,593.01 | 168,696.28 |
| BALANCE — December 31, 1958.. | \$15,568,160.25 | \$ 252,613.54 | \$3,758,200.05 | \$1,152,775.60 | \$2,521,276.21 | \$ — | \$7,883,295.85 |

(a) Depreciation on buildings and equipment.

Report of the Director

It is a privilege to submit herewith the Annual Report of the Director for the year 1958.

Nineteen Hundred and Fifty-eight was for hospitals in general a year in which their contractual relationships under Blue Cross and similar plans came into sharp and critical focus. From a public relations standpoint it was a bad year for the voluntary hospitals. Findings of the Roper Survey point out the fact that the role of the voluntary hospital is not widely understood by the public at large. Coming to the specifics of our Hospital, 1958 from an operating viewpoint was a highly satisfactory year. Statistically, we had perhaps the highest percentage of occupancy in the Hospital's history; certainly, the highest here at 70th Street.

Comparative Statistics

| | 1958 | 1957 |
|-------------------------------|--------|--------|
| In-Patient Days | 57,763 | 50,847 |
| Percentage of Occupancy | 82.8% | 78.3% |
| Out-Patient Visits | 53,538 | 59,708 |

The out-patient visits declined in an amount which we have found to be consistent with the other voluntary hospitals in this area.

Personnel Relations

Nineteen Hundred and Fifty-eight was a relatively stable year in terms of employee turnover. We had a turnover rate of 3.9% average per month as against 4% in 1957. The following employees retired after long and faithful service to the Hospital:

- Winifred Sherlock, seamstress, 29 years of service
- Martha Madden, nursing supervisor, 19 years of service
- Fred Kickbush, elevator operator, 23 years of service
- Reinhold Mueller, blacksmith, 30 years of service
- James Menin, orthopedic shoemaker, 20 years of service
- Emil Mueller, blacksmith, 23 years of service

We regret to report the following deaths during the year:

William Lomax, electrician

Richmond Stephens, M.D., attending orthopedic surgeon emeritus

Robert Kelly Prentice, vice-president, Board of Managers

Staff Changes

The only major staff change was the resignation of Dr. Milton Helpert as Director of Laboratories. Dr. Robert Mellors was appointed to succeed him.

A completely new post was created, that of Patients' Recreational Director, and the employment of Miss Fanchette Schwartz.

Nursing Service

The report of the nursing service and education will be given by the Director of Nursing, Miss Mary Jeanne Clapp.

Social Activities

The Hospital's annual dance and the Spring variety show continue to be the highlights of the social activities for our Hospital personnel. The theatre benefit, "The Entertainer" with Sir Laurence Olivier, was a tremendous financial success.

Caspary Research Building

On March 17th ground was broken for the construction of our eight story building housing the Philip D. Wilson Research Foundation. The building is expected to be completed on November 1, 1959.

One of the major changes was the resignation of Mr. Samuel S. Duryee as President. His devotion to and detailed knowledge of our Hospital has carried it to its present heights. It was an extreme personal pleasure to have been associated with such a remarkable person. Mr. Philip Bastedo succeeded him in May as President and is carrying on in the same tradition of wisdom and understanding.

To each member of the Board, Medical Staff, Hospital Personnel and Volunteers, may I express my personal gratitude for their help in the past year.

Respectfully submitted,
T. GORDON YOUNG, *Director*

1959 Administrative Staff

DIRECTOR

T. Gordon Young

ASSISTANT DIRECTORS

Warren E. Ungberg
J. Callender Heminway
Robert C. Thiessen

DIRECTOR OF NURSING

Mary Jeanne Clapp, R.N.

ASSISTANT DIRECTOR OF NURSING, NURSING SERVICE

Katharine E. Halsted, R.N.

ASSISTANT DIRECTOR OF NURSING, EDUCATIONAL DIRECTOR

D. Dean Smith, R.N.

SUPERVISING DIETITIAN

Roseleen Goldstone

EXECUTIVE HOUSEKEEPER

Adelaide R. Maloney

PHARMACIST

Vincent Conti

CHIEF ENGINEER

Harold J. Sullivan

PURCHASING AGENT

Henrietta Mendoza

RECORD LIBRARIAN

Elinor Hancock

Hospital Chaplains

DIRECTOR OF THE HOSPITAL APOSTOLATE, ARCHDIOCESE OF NEW YORK

Very Rev. Msgr. James G. Wilders

MEMBER OF THE NEW YORK BOARD OF RABBIS

Rabbi Jerome Pines

PASTOR OF THE CHAMBERS MEMORIAL BAPTIST CHURCH, NEW YORK CITY

Rev. Melvin E. Schoonover

Department of Volunteers

DIRECTOR

Agnes McCabe

ASSISTANT DIRECTOR

Clara A. Elms

Report of the Director of Nursing

The year of 1958 ended on a more cheerful note than it started inasmuch as we appear to be attracting more graduate nurses than in former years. Without quality nurses, we cannot hope to give quality nursing care. During the year, 16 new graduates were employed. Some of these are in the out-patient department, educational department, and operating room, but the majority have improved the picture of nursing care on the in-patient units. The following table shows the change in the percentage of the various kinds of nursing personnel over the past few years.

Percentage of Nursing Personnel Caring for In-Patients

| <i>Year</i> | <i>% Registered Nurses</i> | <i>% Licensed Practical Nurses</i> | <i>% Aides and Orderlies</i> |
|---------------|--------------------------------|--|----------------------------------|
| Jan. 1, 1955 | 18 | 23 | 53 |
| 1956 | 26 | 27 | 45 |
| 1957 | 20 | 41 | 39 |
| 1958 | 19 | 45 | 35 |
| Dec. 31, 1958 | 28 | 38 | 33 |

Those people in nursing administration, education, central supply, operating room, and the out-patient department have been excluded from these statistics.

The general outlook has improved, but we have a long way to go, especially to improve the service on the evening shift.

A survey entitled "Nursing Care in Long-Term Illness" by Rosalie Derham, R.N. was published by the Nursing Department. A summary appeared in the October issue of the periodical "Nursing Research" and as a result, we had many requests for copies both from here and abroad.

During the year, three of our registered nurses took the course in Rehabilitation Nursing which is given at N.Y.U.-Bellevue Medical Center, three attended workshops or institutes, and five were taking post-graduate work. One of those five, Miss Minette Nast, received her Masters degree from Hunter College.

In September, we had a return consultation visit from Miss Frances Ginsberg, Aseptic Nursing Consultant. The comments on the improvements noted in Central Supply, the Operating Room, Clinic and on the floors were quite gratifying.

Everyone was very pleased to hear that the Hospital has purchased apartments for registered nurses. This will be a great asset in holding our present graduate nurses as well as in recruiting them for the future.

Nursing Education

Nursing education has continued to flourish under the direction of Miss Dean Smith, our Educational Director. We have continued with our five different programs — The School of Practical Nursing, the affiliation program for New York Hospital-Cornell University School of Nursing and also that for Flower-Fifth Avenue Hospital School of Nursing, field experience for Masters students at Teachers College, and our in-service education program.

We graduated 41 practical nurses during the year and had no failures in State Board examinations. In 1957, we were 17th in the list of 30 schools in the State while in 1958 we advanced to 10th. The general calibre of students has greatly improved and recruiting is not the problem that it was during the first years of the schools' existence. We have added one clinical instructor to the faculty as well as a full-time secretary to handle the tremendous quantity of "paper-work."

The home schools of our affiliating students have expressed their approval and appreciation for the excellence of the experience in orthopedic nursing which their students are receiving.

The most pressing problem at the present time is to find enough classroom space for all the current activities. We hope that when our present research department is moved from the second floor to our new building we shall be able to use some of this space for more adequate facilities for our nursing school.

In closing, I would like to express my gratitude, as well as that of the faculty, to our Medical Staff and also to the members of our Social Service and Physical Medicine Departments. They have given generously of their time not only in their lectures to our students, but also in the informal instruction they provided in our clinics and at the patient units. Their interest and assistance helped immeasurably to enrich our educational program.

Respectfully submitted,
MARY JEANNE CLAPP
Director of Nursing

Report of the Chairman of the Women's Auxiliary

If one glances at the yellowed pages of the Hospital's old annual reports, one realizes that women have been interested in the Hospital and the patients' well-being for many decades and under various titles. Today, the Women's Auxiliary is comprised of women whose appointment to the Auxiliary have been approved by the Board of Managers, but who are empowered to elect their own officers.

For more than ten years, the American Hospital Association has realized that Women's Auxiliaries are an integral part of a hospital's organization. Following the lead of many of the Association's Member Hospitals, the Board of Managers has officially recognized the Auxiliary by appointing the Chairman a member of the Board. This is indeed a compliment to the Auxiliary and a step which will lead to greater understanding and coordination of effort.

The Auxiliary endeavors to assist the Hospital in maintaining highest standards of patient care; it also seeks to promote greater interest in the community by increasing the volunteer roster. One of the main functions of the Auxiliary is fund raising which is done through various approved channels.

A close affiliation with the United Hospital Fund permits the exchange of ideas, interests and projects in many fields. Our members have been invited to serve with members of other hospitals on many of the Fund's Committees: Library, Volunteer, Occupational Therapy, Auxiliary, sub-Committee on Distribution and Women's Executive Committee.

Conferences held by the American Hospital Association and the New York State Hospital Association have been attended, thus permitting the Auxiliary to profit by the experience of other auxiliaries throughout the United States and New York State in particular. Substantiating theory with practice, a close inspection of summer camps available to the children who attend our clinics, a survey of nursing homes by our Social Service Committee and other contacts with community agencies take us beyond the perimeter of H.S.S.

The Annual Campaign for the United Hospital Fund and its Box Week provide the Auxiliary with funds to help relieve the financial burden of the hospital, by assisting in the payment of Social Service Department salaries. Here also should be mentioned the successful rummage collections made twice annually for the benefit of the Multiple Sclerosis Society.

Within the walls of the hospital, the Patients' Library sponsors art exhibitions and weekly eye-catching book displays in the little glass case at the cafeteria entrance. An all-out interest in occupational therapy is evoked by one of their creations a doll house — this year's, a remodelled brownstone, a three story wonder of modern, Victorian and oriental decor, the work done by Volunteers. The Gift Shop with its gay novelties, the Coffee Cart dispensing hot tea or coffee to waiting clinic patients, the Christmas stockings — all are most rewarding. Our Volunteers' abilities are indeed incredible. We have tutors, cash register pinchhitters (when ill health beset the staff), telephone operators, clinic aides and proxy parents — just to mention a few!

The Auxiliary has been invited to serve on various committees sponsored by the Board of Managers. Among these are the Committee on Annual Giving, Theatre Benefit, Souvenir Journal, Decorating, Inspection, Public Relations and the Executive Committee as well as Finance and Building Committees.

To help the Auxiliary to become better informed as to the hospital's achievements in the field of medicine, doctors have graciously given their time. This year we thank Dr. Milton Helpern for a better understanding of the duties and problems of the city's Chief Medical Examiner and Dr. Richard H. Freyberg for a detailed account of several methods of arresting or relieving the pain of the arthritic patient. Our Director, Mr. T. Gordon Young, at one of our meetings graphically illustrated that the field of research, through its laboratories, contributes to a more thorough understanding of the patients' conditions and in turn increases the cost of patient care.

These are the duties and pleasures of the followers of the bonneted and shawl-wrapped ladies of nearly 100 years ago who, in their napkin-covered baskets, brought eggs, jellies, soups and cheer for the early patients of H.S.S., known for so many years as the Hospital for the Ruptured and Crippled.

SUMMARY OF COMMITTEE REPORTS

Volunteers

If one chooses to study the list of Volunteers of 1958, the following facts may be confirmed: 59 of the 123 Volunteers have worked from 2 to 23 years; 33 have given from 1,000 to 28,500 hours (from one half to fourteen years of their time on a basis of a forty hour week) and 15 from 500 to 900 hours.

A table is attached showing how and where 140 Volunteers spent 24,204 hours of their time in 1958. (Those who gave less than 5 hours are not listed.)

Since all who give free time to the hospital must pass through the Volunteer Department, I have placed this report at the head of the list.

The most important innovation during 1958 was the enlargement of the recreation program. Thanks to administrative cooperation, the services of a paid Director has been secured. This field has unlimited potential and more Volunteers are needed for complete coverage daytime and evenings in the clinic and on the patient floors.

This service, together with the Coffee Cart, help to give a warm and homelike atmosphere to the clinic floor and patients continue to comment favorably. In this connection, we wish to acknowledge the continued assistance of The Borden Company, and Dr. Richard H. Freyberg, and to again thank the anonymous "angel" who provided a year's supply of coffee cups.

The Annual Tea was held on May 7th, 1958 in honor of the Volunteers. There were 32 awards, of which 6 went to Volunteers whose hours of service totalled 4,000 or more. These are starred on the List of Volunteers, which includes an indication of time served, hours given and positions filled.

Social Service

The members of the Social Service Committee have held regular monthly meetings and have served as receptionists in the department, covering the desk 5 days a week. The Committee has also continued the investigation of nursing homes, begun last year. They again assisted with the annual Summer camping program. The student aides sponsored by the Committee proved eminently successful.

Gift Shop

Under the able direction of the professionals and the indefatigable Volunteers, the Gift Shop has again surpassed its previous record of achievement by attaining a new high in gross sales.

Gifts to the hospital included a new cash register for the Pharmacy, a glass washer for the Laboratory and supplemental payment on blanket warmers, for a total of \$4,355.24.

Occupational Therapy

Excerpts from the report of the Director, indicate that 162 patients received 2,631 treatments; of these, 38 patients had 531 diversional treatments. Of the 2,100 functional treatments, 961 were to out-patients and 1,139 to in-patients.

Four students were trained, one from Boston and three from New York University. Of particular interest this year was the demonstration board devised by Miss Melamed of this department for the use of amputees and arthritics.

The annual sale of articles made by patients, together with articles raffled off, brought in \$900. The expenses for the year were \$650. Former patients now home-bound were encouraged to submit articles for the sale — the proceeds were turned over to them in order to spark an incentive for continued effort.

The Department was able to return to the hospital a slight surplus to help defray cost of salaries. The Departmental deficit in 1958 was less than in 1957, despite salary increases. There has been one staff vacancy since the latter part of 1957. However, if the new plans for the rehabilitation work crystallize and work in the department increases, it will be necessary to fill this vacancy.

Patients' Library

See Separate Report.

Membership

New Members The Auxiliary was delighted to welcome
 Mrs. Peter F. Fleischmann Miss Elizabeth Remsen
 Mrs. Donald K. Phillips

Resignations The Auxiliary is sorry to report that
 Mrs. George S. France Mrs. Edward Q. McVitty
having moved to California and Washington, D. C. respectively, tendered their resignations, which were accepted with regret.

In Memoriam During the past year, two valued members of the Auxiliary passed on, namely,
 Mrs. Frederick C. Shorey Mrs. Charles J. Symington
and the Committee and the Auxiliary reaffirm to their families sincere sympathy for their loss.

The United Hospital Fund

| <i>United Hospital Fund set a quota of</i> | <i>Amount Raised by Committee</i> | <i>Direct Benefit Quota Level set by U. H. F.</i> | <i>Amounts Received</i> |
|--|---------------------------------------|---|-----------------------------|
| \$17,614 | \$17,469* | \$14,030 = Direct Benefit | \$ 3,439 |
| | | Greater N. Y. Fund | 4,087 |
| | | United Hospital Fund | 4,883 |
| | | TOTAL | \$12,409 |

(* — this amount includes Box Week collection of \$1,749.81)

| | |
|------------------------|------------|
| Gifts Renewed for 1958 | 357 |
| New Gifts for 1958 | 85 |
| TOTAL: | 442 |

United Hospital Fund Box Week

Finally I wish to thank Mr. Philip Bastedo, President of the Board of Managers, Mr. T. Gordon Young, Dr. T. Campbell Thompson and the members of the Auxiliary for their continued support and their generous cooperation throughout 1958.

Respectfully submitted,
MRS. M. HENRY HOEPLI, *Chairman*

Report of the Treasurer

WOMEN'S AUXILIARY, HOSPITAL FOR SPECIAL SURGERY

STATEMENT OF CASH RECEIPTS AND CASH DISBURSEMENTS

For the Year Ended December 31, 1958

Cash Balance — January 1, 1958..... \$ 7,204.05

RECEIPTS:

| | | |
|---|-------------|--------------------|
| Receipts from Charitable Organizations & Individuals for Designated Purposes.... | \$ 7,241.31 | |
| United Hospital Fund..... | 8,322.00 | |
| Greater New York Fund..... | 4,087.00 | |
| Refunds from Patients..... | 525.30 | |
| Dues Received in 1958..... | 405.00 | |
| Miscellaneous | 26.98 | |
| Interest on Savings Account..... | 74.80 | |
| TOTAL RECEIPTS | | <u>20,682.39</u> |
| TOTAL CASH | | <u>\$27,886.44</u> |

DISBURSEMENTS:

| | | |
|-------------------------------------|-------------|------------------|
| Salaries Paid | \$11,500.00 | |
| Office Expenses | 1,505.17 | |
| Expenses of Professional Staff..... | 90.28 | |
| Medical Relief | 4,123.99 | |
| Convalescent Care | 201.65 | |
| Summer Therapeutic Care | 2,150.16 | |
| Transportation of Patients..... | 213.00 | |
| Recreation of Patients..... | 119.00 | |
| Library | 600.00 | |
| TOTAL DISBURSEMENTS | | <u>20,503.25</u> |

Cash Balance — December 31, 1958..... \$ 7,383.19

WOMEN'S AUXILIARY

1959 Officers

| | |
|-------------------------|---------------------------|
| CHAIRMAN | Mrs. M. Henry Hoepli |
| 1st VICE-CHAIRMAN | Mrs. Philip D. Wilson |
| 2nd VICE-CHAIRMAN | Mrs. Charles S. Bannerman |
| TREASURER | Mrs. Harold C. Richard |
| ASSISTANT TREASURER | Mrs. André de Croisart |
| CORRESPONDING SECRETARY | Mrs. Bethuel M. Webster |
| RECORDING SECRETARY | Mrs. J. Bradley Delehanty |

Standing Committee Chairmen

| | |
|-------------------------------|--|
| Mrs. Philip D. Wilson | <i>Chairman of Volunteers</i> |
| Mrs. Donald K. Phillips | <i>Co-Chairman of Volunteers</i> |
| Mrs. Charles S. Bannerman | <i>Chairman of Alker Memorial Library Committee</i> |
| Mrs. Armitage Watkins | <i>Co-Chairman, Alker Memorial Library Committee</i> |
| Mrs. Constance Sherlock | <i>Chairman of Averell Memorial Library for Children</i> |
| Mrs. Peter F. Fleischmann | <i>Chairman, Childrens Recreation Program</i> |
| Mrs. David Reuter | <i>Chairman of Occupational Therapy Committee</i> |
| Mrs. John H. Reynolds | <i>Chairman of Gift Shop</i> |
| Mrs. Robert L. Patterson, Jr. | <i>Chairman of Social Service Committee</i> |
| Mrs. Newcomb D. Cole | <i>Co-Chairman of Social Service Committee</i> |
| Mrs. James M. Morton-Smith | <i>Chairman of Membership Committee</i> |
| Mrs. John A. Pruyn | <i>Chairman, United Hospital Fund Committee</i> |
| Mrs. Walter J. Fried | <i>Chairman, United Hospital Fund Box Week Committee</i> |

Members of the Board

| | |
|---------------------------|---------------------------|
| Mrs. Barton Alderson | Mrs. Robert L. Debevoise |
| Mrs. Henry A. Alker | Mrs. André de Coizart |
| Mrs. Paul Arbon | Mrs. J. Bradley Delehanty |
| Mrs. Charles S. Bannerman | Mrs. George Adams Ellis |
| Mrs. Oscar Brenner | Mrs. John Englis |
| Mrs. McFadden Center | Mrs. Sherman Ewing |
| Mrs. Newcomb D. Cole | Mrs. Peter F. Fleischmann |
| Mrs. Lee Cornell | Mrs. Walter D. Fletcher |

| | |
|--------------------------------|----------------------------|
| Mrs. Walter J. Fried | Mrs. Constance Sherlock |
| Mrs. W. Hall Headington | Mrs. T. Campbell Thompson |
| Mrs. Edwin I. Hilson | Mrs. Carl A. vonGoeben |
| Mrs. M. Henry Hoepli | Mrs. Armitage Watkins |
| Mrs. James M. Morton-Smith | Mrs. Bethuel M. Webster |
| Mrs. Robert Lee Patterson, Jr. | Mrs. John F. Weis |
| Mrs. Donald K. Phillips | Mrs. Thomas Wheelock |
| Mrs. John Avery Pruyn | Mrs. Philip D. Wilson |
| Miss Elisabeth Remsen | Mrs. Philip D. Wilson, Jr. |
| Mrs. David Reuter | Mrs. Henry Van D. Wing |
| Mrs. John H. Reynolds | Mrs. John Winslow |
| Mrs. Harold C. Richard | Mrs. Alling Woodruff |

DEPARTMENT OF VOLUNTEERS

| | Length of Service Assignment | | | | Length of Service Assignment | | |
|------------------------------|---------------------------------|---------|------------|--------------------------------|---------------------------------|---------|------------|
| | Hours | Service | Assignment | | Hours | Service | Assignment |
| Mrs. Cecil Auerbach | 65 | 4 mos. | 1 | Mrs. M. Brenn Green | 182 | 1 yr. | 3-1 |
| Miss Jane Austin* | 4,561 | 11 yrs. | 3 | Miss Susan Green | 39 | 6 mos. | 9 |
| Mr. Arthur M. Aibinder | 305 | 2 yrs. | 9 | Mrs. Donald Guthrie† | 646 | 4 yrs. | 6 |
| Miss Beverly Balluff | 15 | 3 mos. | 9 | Mr. Milton Harburger* | 6,653 | 3 yrs. | 2 |
| Mrs. Charles S. Bannerman | 1,768 | 8 yrs. | 4 | Mrs. Milton Harburger | 1,850 | 6 yrs. | 1-2 |
| Miss Lila Beneroff | 64 | 3 mos. | 9 | Mrs. J. Callender Heminway | 112 | 1 yr. | 3 |
| Miss Edna Berel | 2,005 | 15 yrs. | 5-16 | Mrs. M. Henry Hoepli* | 4,052 | 20 yrs. | 3-1-10-6 |
| Miss Marianne Bergman | 40 | 2 mos. | 9 | Mrs. Sarah Homer | 89 | 2 yrs. | 9 |
| Mrs. C. H. Billipp | 208 | 1 yr. | 1 | Mrs. McDowell Hosley | 150 | 1 yr. | 15 |
| Miss Yvonne Binnom | 51 | 2 mos. | 13 | Mrs. Clarence Hulst | 461 | 2 yrs. | 2 |
| Miss Diana Bonom | 30 | 2 mos. | 9 | Miss Elsie Hundson | 650 | 4 yrs. | 4 |
| Mrs. Joseph Boss | 608 | 2 yrs. | 4 | Mrs. Lilbourne C. Irvine | 805 | 6 yrs. | 4 |
| Mrs. Oscar Brenner | 1,931 | 9 yrs. | 10-4 | Mrs. André Istel | 3,612 | 7 yrs. | 3-1 |
| Mrs. Margaret J. Brown* | 9,733 | 8 yrs. | 1-17-6 - | Mrs. Yves André Istel | 150 | 3 mos. | 5 |
| Mr. Frederick Brownstein | 286 | 2 yrs. | 15 | Miss Fran Jacobs | 14 | 3 mos. | 9 |
| Mrs. Theresa Bruner | 31 | 3 mos. | 1 | Miss Marie Johnson | 22 | 5 mos. | 9 |
| Miss Joan Burstein | 156 | 5 mos. | 5 | Mr. Michael Kaplan | 150 | 1 yr. | 2 |
| Miss Elizabeth Burt | 151 | 8 mos. | 6 | Miss Sandra Kaplan | 23 | 2 mos. | 9 |
| Miss Peggy Bushong | 43 | 9 mos. | 9 | Miss Grace Keiser | 4,059 | 9 yrs. | 1 |
| Mrs. Russel Carpenter | 2,201 | 8 yrs. | 2 | Miss Marjorie Keller | 15 | 2 mos. | 5 |
| Mrs. Herbert Charles | 39 | 6 mos. | 3 | Mrs. Ruth Kinney | 891 | 6 yrs. | 5 |
| Mrs. Henry T. Chickering | 18 | 3 mos. | 10 | Mrs. Mildred Kleban | 8 | 1 mo. | 10 |
| Miss Marion C. Cobb | 111 | 2 yrs. | 3 | Mrs. Earl Krupp | 16 | 2 mos. | 1 |
| Mrs. Newcomb D. Cole | 732.15 | 3 yrs. | 3-4-10 - | Mrs. Nicholas Lang | 550 | 5 yrs. | 3 |
| Mrs. Alexander Collin | 232 | 2 yrs. | 1-10 | Miss Lynn Langman | 17 | 3 mos. | 5 |
| Miss Mary Colonna | 44 | 6 mos. | 9 | Miss Barbara Lehman | 36 | 8 mos. | 5 |
| Miss Ella Crittenden | 275 | 1 yr. | 1-6-12 | Miss Rae Lehman | 16 | 3 mos. | 6-18 |
| Mrs. Mortimer Davis* | 4,815 | 9 yrs. | 3-1 | Miss Shiela Leibman | 18 | 3 mos. | 5 |
| Mrs. Robert L. Debevoise | 634 | 3 yrs. | 3-4 | Mrs. Hyman Leight | 3,250 | 16 yrs. | 1-6 |
| Mrs. J. Bradley Delehanty | 4,166 | 16 yrs. | 3-1 | Miss Allan Littlefield | 739 | 7 yrs. | 1 |
| Miss Alice Delman | 92 | 1 yr. | 9 | Miss Loys Malgren | 97 | 1 yr. | 9 |
| Mrs. Grace Dennis | 1,051 | 5 yrs. | 14 | Miss Lorraine Mansfield | 20 | 4 mos. | 9 |
| Mrs. Marian Denton | 755 | 4 yrs. | 1 | Miss Lanza McSulla | 30 | 4 mos. | 9 |
| Mrs. Charles Deyo | 414 | 1 yr. | 3-1 | Mrs. Raphael Meisels | 109 | 1 yr. | 1 |
| Miss Dorothy Egan | 163 | 2 yrs. | 11 | Mrs. James M. Morton-Smith | 92 | 1 yr. | 3 |
| Mrs. Carl Ehlerman | 20 | 2 mos. | 4 | Miss Nancy Nevins | 22 | 5 mos. | 9 |
| Mrs. Leonard B. Elms* | 28,503 | 19 yrs. | 1-2-14 - | Mrs. Henry Numrich | 909 | 4 yrs. | 5 |
| Mrs. Alba Eminente | 422 | 1 yr. | 1 | Mrs. Frank Ochs | 2,204 | 16 yrs. | 2 |
| Miss Betsy Erway | 156 | 1 yr. | 5 | Miss Bessie Owen | 59 | 4 mos. | 4 |
| Mr. John Farr | 1,000 | 1 yr. | 8-19 | Mrs. Robert Lee Patterson, Jr. | 142 | 2 yrs. | 3 |
| Miss Judith Fisher | 18 | 2 mos. | 5 | Mrs. Robert Peck | 1,001 | 3 yrs. | 1-14 |
| Mrs. Peter F. Fleischmann | 30 | 5 mos. | 10 | Mrs. Donald K. Phillips | 244 | 1 yr. | 3 |
| Mrs. Elizabeth Vernon Foster | 99 | 1 yr. | 10 | Mrs. Willis Phillips | 3,528 | 13 yrs. | 2 |
| Mrs. Walter J. Fried | 105 | 1 yr. | 1-10 | Miss Rosalind Potash | 266 | 2 yrs. | 11 |
| Mrs. Max H. Friedman | 454 | 3 yrs. | 1-5-10 | Mrs. John Avery Pruyn | 34 | 3 mos. | 2 |
| Mrs. Walter D. Fletcher | 990 | 14 yrs. | 4-6 | Miss Barbara Reinhold | 23 | 3 mos. | 5 |
| Miss Marie Gaziano | 20 | 3 mos. | 9 | Mrs. David Rentz | 2,601 | 16 yrs. | 2 |
| Mrs. Gertrude Geller | 876 | 3 yrs. | 2 | Mrs. David Reuter | 1,239 | 3 yrs. | 7 |
| Mrs. Robert Geller | 1,975 | 5 yrs. | 7 | Miss Paula Ritterman | 591 | 3 yrs. | 1 |
| Mrs. Saul Goldstein | 1,222 | 3 yrs. | 7 | Mrs. Evelyn Rooney | 184 | 2 yrs. | 6 |
| Miss Lynn Gordon | 23 | 3 mos. | 9 | Mrs. Sophie Rothman | 1,502 | 5 yrs. | 4 |
| Miss Lynn Gormley | 78 | 1 yr. | 9 | Mrs. Jane Rudner | 21 | 3 mos. | 5 |

| | <i>Hours</i> | <i>Length of Service</i> | <i>Assign- ment</i> | | <i>Hours</i> | <i>Length of Service</i> | <i>Assign- ment</i> |
|-------------------------|--------------|----------------------------------|-------------------------|------------------------|--------------|----------------------------------|-------------------------|
| Mrs. Edward J. Shaw | 167 | 1 yr. | 2 | Mrs. Armitage Watkins | 1,747 | 7 yrs. | 4 |
| Miss Clara Sheinman | 22 | 4 mos. | 5 | Miss Esta Weiner | 66 | 5 mos. | 5 |
| Mrs. Constance Sherlock | 2,845 | 11 yrs. | 4 | Mrs. George White | 651 | 4 yrs. | 13 |
| Mrs. John David Sloane | 1,755 | 5 yrs. | 3-10 | Miss Florence Wilson | 151 | 2 yrs. | 5 |
| Miss Dorothy Solley | 183 | 5 mos. | 5 | Mrs. Philip D. Wilson | 5,111 | 23 yrs. | 1-6 |
| Mrs. Daniel Stapleton | 96.30 | 1 yr. | 1 | Mrs. Henry Van D. Wing | 77 | 5 mos. | 3 |
| Miss Ludmilla Stivrins | 27 | 3 mos. | 9 | Mrs. Norma Wurzbarger | 4,000 | 12 yrs. | 1-3-6 |
| Miss Lottie Tedesko | 1,464 | 10 yrs. | 11 | Mrs. B. Wyeth | 119 | 11 mos. | 7 |
| Miss Louise Vanderbilt | 2,801 | 12 yrs. | 1-17 | Miss Helen Yerkes | 254 | 8 yrs. | 4 |
| Mrs. Earl VanDerwerker | 1,808 | 6 yrs. | 1-6 | | | | |

Volunteers with less than 5 hours credit not listed.

* 1958 Honor Awardees.

† Deceased.

KEY

- | | | |
|-------------------------|---------------------------|--------------------|
| 1. Clinic | 8. X-Ray | 15. Accounting |
| 2. Gift Shop | 9. Recreation (Pediatric) | 16. Sterile Supply |
| 3. Social Service | 10. Coffee Cart | 17. Photography |
| 4. Patient's Library | 11. Movies | 18. Record Room |
| 5. Pediatric Ward | 12. Pharmacy | 19. Information |
| 6. Public Relations | 13. Physio Therapy | |
| 7. Occupational Therapy | 14. P.S. 401 | |

Report of the Alker Memorial Library

It is rather exciting to report that our Librarian and eleven volunteers worked over 2,000 hours to give out more than 24,000 books and magazines to patients and staff in the twelve months of 1958 — something of an achievement in a comparatively small hospital because it means distributing about 300 books and magazines *each* library day. At the end of 1957 the Library comprised approximately 5,600 books, to which we added 652 new books before December 31st. Of these 327 were gifts. When these gifts are duplicates or not suitable for hospital use we can always convert them into useful cash. To supplement our budget for the buying of new books we conducted three book sales of duplicate or unneeded volumes, netting altogether \$342.10. This is a new high, but with rising costs we need these extra funds to keep pace with the constant demand for “best sellers.”

Another fund-raising idea was a Book Tea to which the admission was one or more volumes and at which the feature attraction was an auction of autographed new books M.C.'d by Dr. Wainerdi. This realized \$115 and improved our public relations as well.

In addition to books we subscribe to forty-four different magazines — some in duplicate or triplicate — which are distributed on our three carts. When these magazines, as well as those given us by the Red Cross or kind friends, are no longer in demand we place them in the clinics or distribute to staff and employees, so nothing is wasted.

Extra curricular activities were two exhibitions of paintings — one in April by David Wu Ject-Key and another in October by Lewis Stern, a former patient who started painting in our Hospital as part of his therapy. These exhibits were well attended and again gave the Library good publicity.

All such activities are announced in our lighted display case which twice weekly carries a new exhibit based on one or more books from the Library. This case was purchased in March by the Alice Guernsey Osborne Fund. These small displays have caused favorable comment and many of the doctors have expressed their interest and approval, not only verbally but with material gifts of cash as well.

The United Hospital Fund has also given us their blessing in the form of sending other hospital librarians to see our Library and how it works.

I need not add my usual words of praise for our Librarian or our wonderful volunteers — their records speak for them.

As of Dec. 31st, 1958
2,126¾ volunteer hours
24,011 books and magazines distributed
5,819 books in Library

Respectfully submitted,
MRS. CHARLES S. BANNERMAN
Chairman, Library Committee

Report of the Averell Memorial Library for Children

The Children's Library has had a most gratifying year.

Many new books have been purchased and several generous donations of books have been gratefully received.

As a result of these new additions to the shelves more good reading is being done. Some new reference books have also been added to the shelves for supplying the young, with required reading for their school studies.

Patients who are able to, are encouraged to come to the Library to browse and to select books. The librarian from Presbyterian Hospital came to inspect the Children's Library and to see how it functioned.

Looking forward with pleasure to another busy year.

Respectfully submitted,
CONSTANCE M. SHERLOCK
Vice-Chairman, the Children's Library

Report of the Director of Social Service

During the first seven months of 1958 there were no staff vacancies, and then came the deluge. We reluctantly accepted the resignations of two secretaries, one case aide, and three social workers. All the resignations were motivated by understandable personal reasons. The remaining staff showed a splendid spirit of cooperation in pinch-hitting and our two college case aides helped solve the problem of staff shortage during the vacation months.

Happily, at the end of the year we again had a complete roster of both secretaries and social workers. Yaffa Miller, who is completing her senior year at Hunter College by taking evening courses is the case aide for the Polio Clinics. Francisca Somera, who has her Masters Degrees in both Education and Social Work from the University of Washington (Seattle) is the social worker for the hospitalized children. Lois Q. Racz, M.A. Columbia University, our first case aide, 1949-1952, accepted the position of social worker for the adult clinic patients. Marjorie Lohse, M.S.S., New York University School of Social Work is assigned to the Scoliosis Clinic and the spine fusion patients who are in the Hospital.

When the time came to prepare a departmental budget for 1959 it was apparent that a request should be made to the Administration for an increase in our total salary schedule, in order to hold our staff, and to meet the competition of other hospitals in New York City in attracting staff replacements. Miss Haas, Director of Personnel, was of great help in securing facts and figures from the personnel departments of several hospitals which enabled our Department to prepare a budget that was given favorable consideration by the Administration and the Board of Managers. We are sincerely appreciative.

Staff Education

One of the most effective methods of keeping the various members of our staff informed regarding current concepts of social work theory and practice is participating in the studies and activities of professional committees. During 1958, the Director and staff members served on committees of the Community Council of Greater New York, the Orthopedic Advisory Committee, Bureau for Handicapped Children of New York City Department of Health, and the National Association of Social Workers, both Psychiatric and Medical Social Work Sections.

The Department's Committee on Agenda for Staff Meetings, chaired by Mrs. Carrie Harley for the past year, prepared an excellent program for the twice monthly meetings held in the Board Room. One meeting has usually been devoted to a case presentation, matters of hospital and departmental policy, the review of new community resources, or brief summaries of conferences attended by the staff. The second meeting has featured guest speakers, from other social agencies, or from other departments of our own Hospital. For instance, Dr. Anna Kara gave us a dynamic lecture on physical medicine and Miss Ethel K. Fox spoke of the educational accomplishments and discussed some of the problems of P.S. 401.

Teaching Projects

The Director of Social Service at the request of the Nursing Department has continued this year informal monthly conferences with the student nurses from Flower Fifth Avenue Hospital and The New York Hospital.

We are proud to announce a new affiliation for the field work supervision of graduate students with the newly accredited Louis M. Rabinowitz School of Social Work of Hunter College. Mrs. Minnette Eisenstadt, our first graduate student from Hunter College is being supervised by Mrs. Carrie Harley, social worker for the Multiple Sclerosis Service. Miss Marcella McDonald, supervised by Miss Margaret Roby, is a second year graduate student from the School of Social Work of Fordham University. Both students are assigned for three full days each week during the school year of 1958-1959. We are happy to have graduate students in our Department for they provide an opportunity for desirable supervisory experience for staff whose educational backgrounds and experiences are approved by the accredited Schools of Social Work, and they bring to the staff enthusiasm and new ideas.

Mrs. Harley has been honored by an invitation to serve on an important Supervisors Committee at Hunter College, which is developing a new Manual on Supervision for Graduate Students.

Social Work Recruitment Project

During the summer of 1958 our Department, for the first time, participated in the program of the Social Work Recruitment Committee of Greater New York. The objective of this Committee is the recruitment of desirable college students for the field of social work by providing a stimulating orientation in social work through a summer-time paid work experience in a social agency. A salary for one such college case aide was met from Hospital funds, through the interest of Mr. Young, our Administrator. We requested and received a special grant-in-aid from the United Hospital Fund to cover the salary of a second applicant.

Our two college students proved to be a great success. Beverly DeVries had just graduated from Calvin College and was registered at the Graduate School of Social Work, University of Michigan for the fall. Janet Sanfilippo was attending Sarah Lawrence College class of 1959. Both young women were personable and intelligent. They both

adjusted quickly to the procedures in our Department and proved to be excellent vacation substitutes. They gave our Department as much as we gave them in the way of orientation and experience in medical social work. Our two college case aides belonged in a group of one hundred and thirty young men and women who were in New York City for eight weeks or more in connection with the Recruitment Program. Only twelve were assigned to hospital Social Service Departments. The Director of Social Service served as a counsellor for the Recruitment Committee Project.

Beverly DeVries, having completed the first year of study for her Masters Degree at the University of Michigan, is returning to us in the summer of 1959 to substitute for a staff member on leave of absence. Thus we are beginning to reap some of the benefits of the Recruitment Committee's Project.

The Medical Social Service Committee

The Medical Social Service Committee, a standing Committee of the Women's Auxiliary, has completed two years of invaluable service to the Social Service Department. The Committee meets once each month to advise with the Director of the Department and to discuss and participate in policy planning for the Department. As representatives of the Social Service Department, Committee members frequently attend conferences and meetings, such as those initiated by the United Hospital Fund or the Community Council of Greater New York, in order to be currently informed of programs in other community agencies, which may be useful or suggestive to our own activities.

The members of the Committee give many hours of volunteer service. They function as receptionists each afternoon as clinic patients pour into the Department. In teams of two they visit, evaluate, and make a written report on the facilities of various nursing homes so that the social workers may have current information for patients who require nursing home care upon discharge from the Hospital. Two members of the Committee help implement the camping program by processing applications, running the special clinics which are set up for health examinations for camp and assisting with the final departure to the country. The personnel of the Medical Social Service Committee is as follows:

| | | |
|-------------------------------------|----------------------------|-------------------------|
| Mrs. Robert Lee Patterson, Chairman | | Mrs. Donald K. Phillips |
| Mrs. Henry A. Alker | Mrs. Robert L. Debevoise | Mrs. Henry Van D. Wing |
| Mrs. Newcomb D. Cole | Mrs. James M. Morton-Smith | Mrs. John Winslow |

Volunteers

In addition to the active members of the Medical Social Service Committee, the Department banks heavily on the assistance of several other fine volunteers who are carefully selected by Mrs. Agnes McCabe, the astute and skillful Director of Volunteers. During the year 1958 Social Service profited from the assistance of 16 volunteers who gave 4,644 hours of service. We are proud of our volunteers and their outstanding record of responsibility and achievement.

Designated Funds and Contributions

During the year of 1958 receipts for designated funds of the Department, held in the account of the Women's Auxiliary, amounted to \$7,241.31 as compared with \$5,864.05 in 1957. In addition, four funds in the custody of the Hospital Treasurer were earmarked for the use of Social Service only, including the newly established Richmond Stephens Memorial Fund. The Social Service Department is honored to have been named as the beneficiary of this Fund, for Dr. Stephens was for many years a very good friend of our Department, quick in his understanding and always ready with his advice and assistance. The Fund named in his memory will be used to meet the special needs of older patients.

Through the ever ready cooperation of Mr. T. Gordon Young, Director of the Hospital, our Department is generously assisted from designated funds of the Hospital to meet specific needs, such as the camping program, the summer work recruitment project, and other significant activities of an on-going Social Service Department.

We wish it were possible to name each one of the generous donors — agencies, foundations and individuals, who have entrusted monies to our Department for the assistance of patients. Many contributors have been friends over a period of years. Some of our most generous givers prefer to be anonymous. Some offer small but greatly valued gifts as a token of appreciation for past services they have received from our Department. Such was the recent contribution of \$5 from the first earnings of a seriously handicapped young man who had been guided toward rehabilitation.

The Loan Closet

The Department maintains a Loan Closet stocked with crutches, canes, and wheelchairs. Most patients return the borrowed equipment in good condition. Wheelchairs are generally loaned for a period not exceeding two months. If a patient requires a chair for a long period, it is better planning to provide a chair that will belong to the patient. This can be accomplished by making application for State Aid, requesting the assistance of an agency such as the National Foundation in the case of a polio patient, or occasionally drawing on designated funds of the Department. All of the Loan Closet supplies have been donations. This last year the Ruth Kirzon Group gave us three new folding junior size chairs and the Walter Scott Foundation responded promptly to our request for two additional ones.

Summer Therapeutic Program

Camping means a great deal in the way of stimulation, socialization and plain every day fun to our handicapped children. The physical benefits which result from a brief period of good food, fresh air and sunshine are important but less so than learning how to adjust to other boys and girls, acquiring self dependence away from a protective family and establishing totally new experiences with new friends.

In the summer of 1958 we worked with ten sponsoring agencies in sending one hundred

and seventy-five patients to thirteen different camps. There were one hundred and fifty-three children, thirteen young adults, ages 18-30 years who went to Camp Oakhurst, and, for the first time, nine patients from the Multiple Sclerosis service who went for two weeks each to camps for the adult handicapped. We were especially pleased with the lift in morale which camping gave to these nine seriously handicapped persons most of whom were wheelchair patients. It also meant a rest for their families who have the heavy responsibility of caring for them at home throughout the year.

Our campers enjoyed a total of eight hundred and seventy-nine vacation weeks with an average camping period of three weeks. Fifty-six children had two months at Southampton Fresh Air Home. 1958 marked the fifty-sixth consecutive year that Southampton Fresh Air Home has been maintained by the Southampton Committee solely for the benefit of children from Special Surgery.

Mrs. M. Henry Hoepli, Chairman of the Women's Auxiliary, and the Director of Social Service visited the new Camp Wagon Road of the Children's Aid Society at Chappaqua, New York and our friend of many years, Camp Carola, at Spring Valley, New York. Both are attractive and well managed facilities which offer a great deal to our children. The Southampton Home is visited each year not with any idea of inspection but for the purpose of expressing our appreciation to the Southampton Committee.

Thanks to a special grant of \$720 from the Walter Scott Foundation we were able to send ten mildly handicapped children to the regular camps of the Children's Aid Society. The Rotary Club of New York City gave a generous grant to Camp Oakhurst with the request that it be used to provide scholarships for children under care of Special Surgery.

In camping parlance "integration" is used to indicate not only integration relative to race, nationality and religion but also to a mingling of handicapped and non-handicapped children. Camp Hidden Valley maintained by the Herald Tribune Fresh Air Fund is an example of this new trend. Twenty-four of our children had a happy experience at Hidden Valley living, playing and competing with non-handicapped children. Such an experience makes it easier for them to mix readily with children in the classroom and in the neighborhood and surely is a good preparation for more normal living and better use of their capacities as they grow older.

In conclusion, I am reminded of the finale of a well known television program, "Here are some of the people who have made this program possible."

Mr. Philip Bastedo, President, The Board of Managers

Mrs. M. Henry Hoepli, Chairman, The Women's Auxiliary

Mr. T. Gordon Young, Director

T. Campbell Thompson, M.D., Surgeon-in-Chief

I wish to express my thanks and that of the staff of the Social Service Department for their assistance and interest in the work of our Department.

Respectfully submitted,
GLEE H. DERVEND
Director of Social Service

Social Service Department

| | |
|---------------------------|--------------------|
| Glee H. Dervend, Director | Ruth T. Mandeville |
| Loretta Chater | Yaffa Miller |
| Carole Doneghy | Annabelle Patiky |
| Carrie Harley | Margaret L. Roby |
| Beatrice Herbst | Lois Q. Racz |
| Marjorie A. Lohse | Fracisca G. Somera |

STATISTICS OF THE SOCIAL SERVICE DEPARTMENT for the Year 1958

| Social Service Patient Load | 1957 | 1958 |
|---|--------|--------|
| Carried over from previous year. | 694 | 732 |
| New in Department. | 1,325 | 1,395 |
| Reopened: closed prior to this calendar year. . . . | 614 | 604 |
| Recurrent: closed with this calendar year. | 315 | 408 |
| Total patient load for the year. | 2,948 | 3,139 |
| Cases closed | 2,216 | 2,457 |
| Cases carried forward at close of year. | 732 | 682 |
| Interviews with and on behalf of patients. | 25,651 | 26,262 |
| Petitions Prepared for Hospitalization and Appliances | 1,038 | 1,359 |
| For State Aid cases. | 429 | 551 |
| For The National Foundation. | 609 | 808 |
| Services Rendered in Connection with Medical Relief | | |
| Emergency relief | 25 | 21 |
| Medications and dressings. | 410 | 424 |
| Orthopedic shoes, pair. | 312 | 249 |
| Braces, other orthopedic appliances and equipment | 821 | 1,130 |
| Paid from funds of Social Service Department | | 237 |
| Provided through The National Foundation. . . | | 518 |
| Provided through State Aid. | | 375 |
| Shoe and brace repairs and alterations. | 307 | 237 |
| Crutches and canes loaned. | 195 | 203 |
| Wheelchairs loaned | 132 | 153 |
| Patients provided with clothing. | 15 | 17 |
| Quarts of milk from Hearst Free Milk Fund. . . . | 4,467 | 5,295 |
| Convalescent care arranged in institutions. | 63 | 51 |
| Convalescent care arranged at home. | 181 | 170 |
| Transportation arranged (single trips). | 1,026 | 1,100 |
| Patients sent to summer camps. | 158 | 175 |
| Children | | 153 |
| Young adults. | | 13 |
| Adults with Multiple Sclerosis. | | 9 |
| Total vacation weeks. | 812 | 879 |

History of New York Society for the Relief of the Ruptured and Crippled

The Hospital of the Society for the Relief of the Ruptured and Crippled (now the Hospital for Special Surgery) first opened its doors in May of the year 1863. Since then it has served the public continuously. Originally housed in the founder's home, the first hospital building of twenty-eight beds, situated at 97 Second Avenue, was soon outgrown and in the year 1870 the Institution moved to a new building located on the corner of Lexington Avenue and Forty-second Street (present site of the Hotel Commodore). Dr. James Knight, the founder and Resident Physician and Surgeon, served faithfully until his death in the year 1887. Dr. Virgil P. Gibney, who followed him as Surgeon-in-Chief, served until 1924. During these thirty-seven years, the Hospital grew from an Institution that merely provided for the care of incurable cripples into one of the few progressive hospitals in the United States for the treatment of orthopedic conditions. Where formerly it was mainly a home to house children suffering from surgical tuberculosis of bones and joints, or with paralysis, it became under the leadership of Dr. Gibney an active unit for the development of reconstructive surgery. It was not long before the reputation of its surgeons became favorably known throughout the world.

Many new types of operations were developed in this Hospital which were planned to rehabilitate those who formerly would have remained crippled the rest of their lives and a burden on the community.

In the year 1912 remodeling of the Grand Central Terminal forced the Hospital to move to a new building just east of Second Avenue on 42nd Street. Here for forty-three years it carried on its work for humanity.

During these years the clinical facilities were greatly developed in order to give further training to young doctors. This called for expansion in all departments of the Hospital, including clinics, laboratories, the x-ray department, and facilities for physical therapy, and for the establishment of a medical library.

The teaching facilities for training of young surgeons in orthopedic surgery were steadily improved during the years on 42nd Street. Today the young surgeon on completing his period of residency is well prepared to enter his chosen field of surgery with every chance of success. The Arthritis Service has, since 1945, developed a curriculum of teaching very similar to that found in the Orthopedic Service, whereby young physicians are well trained in this newly developed phase of medicine.

In May 1955 the Hospital moved for the fourth time. This was a result of an agreement entered into with the Society of the New York Hospital, for a proximate affiliation between these two institutions. A new nine story building was erected at East 70th Street and the East River Drive. The Hospital continues to maintain its identity and independence. It is governed by its own Board of Managers and controls its own finances. It supplies the services in orthopedic and rheumatic diseases of New York Hospital-Cornell Medical Center.

As one of the principal reasons for moving to 70th Street was in order to become more closely identified with a great center of teaching and research, there have been, since the move, strides in developing a wider program of teaching and research in both orthopedics and the crippling diseases. A new building is now being erected on the property at the corner of 71st Street and East River Drive directly across the street from the Hospital. This addition is to be used for research in the fields of orthopedics and crippling diseases and will be called the Caspary Research Building. The funds for its construction and for the research programs to be carried on there have been made possible by generous gifts from the estates of Alfred H. Caspary, Helen R. Bicknell, William Robertson Coe, United States Health Services Research Facilities and other friends of the Hospital.

In 1955 the Board of Managers applied to and obtained from the New York State Education Department approval for a School of Practical Nursing. The graduates of this School receive diplomas as licensed practical nurses and are helping to fill a great need for trained personnel in this important branch of the nursing profession.

Endowed Beds

- Agnew, A. C.
Agnew, George B.
Agnew, John T.
Avery, Mrs. Mary P., in Memory of her son,
Henry Ogden Avery
Bishop, Mrs. David Wolfe, in Memory of her
husband, David Wolfe Bishop
Bliss, George, in Memory of his daughter,
Netta Bolton Bliss
B.P.O. Elks, New York Lodge No. 1
Brown, Mrs. Ann D., in Memory of
Annie V. Brown
Brown, Mrs. George Hunter, in Memory of
her daughter, Millie Brown
Brown, Margaret J., Orthopedic Bed
Bullinger, Robert E.
Clark, Marian deForest, to be known as the
"Julian Bouton Clark Bed"
Curran, Elise Postley, in Memory of
James Ross Curran
Currier, Edward West, in Memory of
Nathaniel Currier
Currier, Edward West, in Memory of
Eliza W. Currier
Currier, Edward West, in Memory of
West Currier
Currier, Edward West, in Memory of
Edward W. Currier
Currier, Estate of Laura, in Memory of
Walter B. Currier
Dellinger, Mary A., in Memory of her niece,
Lulie Dexter
Eidlitz, Otto M., Memorial Bed
Eustis, Marie C., in Memory of
George C. Eustis
Farrar, Mrs. Sarah J., in Memory of her father
and mother, Horace and Sarah J. Theall
Field and Bishop Cortland de Peyster, and
Florence Van Cortland, in Memory of Mary
E. de Peyster
Finch, Henry L., in devoted and loving Mem-
ory of his father and mother, Edward L.
and Annie R. Finch
Fraser, Mrs. Anna M., in Memory of her
father and mother, Hanson K. and Emma
B. Corning
Freligh, Mary Helen, in Memory of her
daughter, Helen Freligh
Gambrill, Anna Van Nest, in Memory of
Mary Thompson Van Nest
Gibson, W. Fraser, for the "Jeanette Fraser
Gibson Bed"
Gifford, Mrs. Ellen M., in Memory of
Mrs. Ellen M. Gifford
Griswold, Mrs. Lydia Alley, in Memory of
her husband, George Griswold
Harnett, Katherine I. D., in Memory of
Tommie S. Donald
Knight, James, M.D., in Memory of
James Knight, M.D.
Lewis, Louise, Memorial Bed
Lyric Art Society — Marie T. Schaefer,
Founder and President
Manners, Francis L. Whittlesey, The Franklin
Whittlesey Memorial Beds
Manners, Francis L. Whittlesey, in Memory of
Hannah Roe Whittlesey
Martin, Janie A., in Memory of
Walter A. Martin
McCaffrey, John B.
Miller, Annie, in Memory of
Alexander Miller, Jr.
Miller, Annie, in Memory of Cecil Miller
Miller, Harriet Thompson
Neute, Josephine L., in Memory of
Emily P. Munn
Neute, Josephine L., in Memory of
Jessie B. Brown
Partridge, Franklin L., in Memory of Grace
Partridge. Endowed by her mother
Paton, Annie A., in Memory of
Alexander McL. Agnew
Pillsbury, Annette Ellsworth, in Memory of
her parents and sister
Ranney, Marie Celle, in Memory of
Marie Celle Ranney
Reynolds, Martha S., in Memory of her
mother, Ernestine Schaffner

Romeyn, Hiram Radcliffe, endowed by
his wife, Grace W. Romeyn
Rotary Club of New York
Satterwhite, Florence C., in Memory of James
E. Martin, Jr., Preston C. Satterwhite, Florence
C. Satterwhite
Seybold, Paulina, in Memory of
Paulina Seybold
Shearer, George L., by his family and friends
Starin, Priscilla T. P., in Memory of
Mary Dick Parker
Starin, Priscilla T. P., in Memory of
Ransom Parker
Taylor, Dr. Henry Ling, in Memory of
Charles Fayette Taylor

Thorne, Phoebe Anna, in Memory of
Phoebe Anna Thorne
Tillotson, Emma L., in Memory of
Millard Glenn Tillotson
Wall, W. W., in memory of Louis Eugene Wall
Watson, Emily A., in Memory of John Watson
Watson, Emily A., in Memory of
Marcy L. Watson
Watson, Emily A., in Memory of
Mary J. Walker
Wendel, Georgiana G. R., in Memory of
her sister, Augusta Wendel
Wendel, Georgiana G. R., in Memory of
Josephine Wendel
Witherell, Rebecca

Life Free Beds

Bowdoin, George, for the Children of the
Children's Aid Society

Memorial Gifts

Thomas D. and Kate Hurst Fund
Mary O. Avery Fund
Bliss Fund — Gift of Mrs. George Bliss
Russell Sage Dental Endowment Fund
Semi-Centennial Memorial Fund
William Sloane Fund
Charles Fayette Taylor Memorial Fund
Rebecca Witherell Endowed Bed Fund
Fund in Memory of Dr. William B. Coley —
Received from William Bingham, 2nd
Dr. Richmond Stephens Memorial Fund

Trust created in 1932 by Joseph T. Tower, Jr.,
in Memory of his sister, Mary T. Tower
Adele Stern Fund
Blanche Stern Robbins
The Rathbone Fund
F. Wilson Keller Memorial Fund
Margaret M. Caspary Clinic Endowment Fund
Edith M. Schweckendieck
Major Thomas DeBarbieri Fund, in Memory
of Margaret K. Bieter DeBarbieri

Restricted Gifts

Rebecca Witherell Open Air Fund

Velma B. Woolworth Fund

Gibney Memorial Fund

Friendship Hall Vacation Home Fund

Fund for Treatment of Hernia Cases —
The deLong Corporation

Medical Library Fund

Benjamin B. Eichner Fund, in Memory of
Joseph Herman and Hannah E. Eichner

Fund for Maintenance of Solarium —
Mr. Vernon C. Brown

Fund for Development of Work in Cerebral
Palsy — Cerebral Palsy Society of
New York, Inc.

Fund for Research in Rheumatic Diseases

Dr. Philip D. Wilson Fellowship Fund

Arthritis Relief Fund

Eleanor H. Davidson Fund

The Edward and Ellen Roche Relief
Foundation Fund

Jessica Haddington Thayer Fund

William Robertson Coe Research Fund

Alfred H. Caspary Education and
Research Fund

Helen G. Bicknell Education and
Research Fund

Arthritis and Rheumatism Foundation for
Hospitalization

Multiple Sclerosis Society

Ford Foundation

Eli Witherell Fund

1958 Statistics

SUMMARY OF PATIENTS

OUT-PATIENT DEPARTMENT

| | |
|--------------------|--------|
| First Visits | 13,266 |
| Revisits | 40,272 |
| Total | 53,538 |

IN-PATIENTS

| | PRIVATE | SEMI-PRIVATE | WARD | | | | |
|-----------------------------|---------|--------------|--|---------------------------|-------------|-----------------------|-------|
| | | | <i>Associated Hospital Compensation Pay and Part Pay</i> | <i>Public Charges</i> | <i>Free</i> | <i>Total Ward</i> | TOTAL |
| Remaining January 1, 1958.. | 15 | 24 | 75 | 9 | 0 | 84 | 123 |
| Admitted in 1958..... | 366 | 868 | 1047 | 189 | 10 | 1246 | 2480 |
| TOTAL TREATED IN 1958.. | 381 | 892 | 1122 | 198 | 10 | 1330 | 2603 |
| Discharged | 357 | 847 | 1063 | 178 | 7 | 1248 | 2452 |
| Deaths | 2 | 7 | 2 | 1 | 0 | 3 | 12 |
| TOTAL DISCHARGED | 359 | 854 | 1065 | 179 | 7 | 1251 | 2464 |
| Remaining December 31, 1958 | 22 | 38 | 57 | 19 | 3 | 79 | 139 |

Orthopedic Service

STATISTICAL

| | <i>Children's Service</i> | <i>Adult Service</i> | <i>Private Service Children and Adults</i> |
|-----------------------------|-------------------------------|--------------------------|--|
| Total cases admitted..... | 381 | 332 | 1419 |
| Total cases discharged..... | 406 | 313 | 1393 |
| Complications | 5 | 9 | 4 |
| Infections | 2 | 3 | 13 |
| Deaths | 1 | 0 | 5 |
| Autopsies | 1 | 0 | 3 |

OPERATIVE

| | | | |
|--|------------|------------|-------------|
| Total Open Operations..... | 318 | 279 | 960 |
| Total Closed Operations..... | 17 | 4 | 52 |
| TOTAL OPERATIONS | 335 | 283 | 1012 |
| Deformities following Infantile Paralysis | 91 | 30 | 47 |
| Deformities following Lesions of Nervous System other than Infantile Paralysis.. | 4 | 0 | 0 |
| Fractures, Dislocations and their Sequelae | 8 | 25 | 185 |
| Complications of and Deformities follow- ing Tuberculosis Diseases of Bones and Joints | 2 | 1 | 0 |
| Non-Tuberculous Affections of Bones and Joints and their Sequelae..... | 36 | 71 | 144 |
| Congenital Deformities | 109 | 28 | 109 |
| Acquired Deformities | 66 | 88 | 356 |
| Tumors | 19 | 34 | 134 |
| Unclassified | 0 | 6 | 37 |
| TOTAL | 335 | 283 | 1012 |

ORTHOPEDIC END RESULT CLINIC

| | |
|---|-----|
| Total cases sent for..... | 270 |
| Total cases returned and examined..... | 216 |
| Total cases failing to return..... | 54 |
| Total number of operations rated..... | 228 |
| Percentage of Patients returned and examined..... | 80% |

Ratings: Patient's

| | |
|-------------------------------|------------------------------|
| 11 cases at patient's..... 0 | 18 cases at patient's..... 2 |
| 2 cases at patient's..... 1 | 27 cases at patient's..... 3 |
| 159 cases at patient's..... 4 | |

Ratings: Surgeon's

| | |
|--|-------------------------------|
| 11 cases at surgeon's..... 0 | 31 cases at surgeon's..... 3 |
| 8 cases at surgeon's..... 1 | 150 cases at surgeon's..... 4 |
| 12 cases at surgeon's..... 2 | 22 deferred cases |
| Total cases sent for starting January 1, 1938 to December 31, 1958 | 5935 |
| Total cases returned and examined..... | 4018 |
| Total cases failing to return..... | 1917 |
| Percentage of patients returned and examined..... | 68% |

OCCUPATIONAL THERAPY DEPARTMENT

| | <i>Patients Treated</i> | <i>Treatments</i> |
|--------------------|-----------------------------------|----------------------------------|
| Functional | 124 | 2,100 |
| Diversional | 38 | 531 |
| TOTAL | 162 | 2,631 |
| | <i>Diversional Treatments</i> | <i>Functional Treatments</i> |
| In-Patients | 531 | 1,139 |
| Out-Patients | 0 | 961 |

Department of Rheumatic Diseases

| | |
|-----------------------------|-----|
| Total cases admitted..... | 345 |
| Total cases discharged..... | 342 |
| Deaths | 6 |
| Autopsies | 2 |

Department of Anesthesiology

| | <i>Number Administered</i> |
|-------------------------|----------------------------|
| General | 1,448 |
| General and Local | 45 |
| Spinal | 1 |
| Regional Block | 22 |
| Local | 128 |
| TOTAL | <u>1,644</u> |

Department of Physical Therapy

| | <i>Number of Treatments</i> |
|------------------------------|-----------------------------|
| Private | 1,735 |
| Semi-Private | 4,066 |
| Ward | 8,937 |
| Private Ambulatory | 3,198 |
| Out-Patient Department | 15,373 |
| TOTAL TREATMENTS | <u>33,309</u> |

Department of Laboratories

| | <i>Examinations</i> |
|------------------------------|---------------------|
| Private | 4,637 |
| Semi-Private | 10,649 |
| Ward | 14,071 |
| Private Ambulatory | 2,350 |
| Out-Patient Department | 12,833 |
| TOTAL TREATMENTS | <u>44,540</u> |

Department of Roentgenology

| | <i>Films</i> |
|------------------------------|---------------|
| Private | 2,562 |
| Semi-Private | 5,519 |
| Ward | 11,852 |
| Private Ambulatory | 13,104 |
| Out-Patient Department | 26,731 |
| TOTAL FILMS | <u>59,768</u> |

Department of Photography

| | |
|---|------|
| Black and white negatives of patients..... | 2825 |
| Two prints each of above..... | 5654 |
| 35 mm color photographs of patients..... | 818 |
| 4" x 5" and 3¼" x 4¼" color photographs of patients..... | 70 |
| Color motion pictures of patients (footage)..... | 3010 |
| Photographs for Public Relations, Hospital Business, etc..... | 197 |
| Enlargements for Publication and Exhibits..... | 667 |
| Lantern slides 3¼" x 4"..... | 422 |
| Lantern slides, Polaroid..... | 81 |
| Lantern slides 35 mm color..... | 85 |
| Graphs and Drawings, etc..... | 88 |
| Diplomas lettered for Residents and Fellows..... | 5 |
| Diplomas lettered for Student Nurses..... | 19 |

Out-Patient Department

| ORTHOPEDIC CLINICS | New Admissions | Referred Visits | Revisits | | Total |
|-------------------------------|-------------------|--------------------|------------------|----------|--------|
| | | | 1st this Year | Revisits | |
| General | 5,409 | 0 | 5,553 | 7,510 | 18,472 |
| Amputee | 99 | 33 | 88 | 362 | 582 |
| Chest | 9 | 10 | 4 | 53 | 76 |
| Cerebral Palsy | 2 | 25 | 136 | 3,520 | 3,683 |
| Club Feet | 12 | 66 | 61 | 1,656 | 1,795 |
| D.M.D. | 32 | 4 | 87 | 419 | 542 |
| Hand | 30 | 99 | 35 | 540 | 704 |
| Hip | 0 | 3 | 2 | 43 | 48 |
| Low Back | 23 | 7 | 4 | 31 | 65 |
| Neuro Muscular Diagnostic | 5 | 284 | 44 | 296 | 629 |
| Podiatry | 1 | 189 | 32 | 1,129 | 1,351 |
| Poliomyelitis | 117 | 22 | 529 | 1,810 | 2,478 |
| Scoliosis | 2 | 183 | 166 | 895 | 1,246 |
| Speech | 0 | 3 | 6 | 608 | 617 |
| RHEUMATIC DISEASE CLINIC..... | 1 | 284 | 163 | 5,302 | 5,750 |
| MEDICAL CLINICS | | | | | |
| Pediatrics | 1 | 33 | 11 | 52 | 97 |
| Hemophilia | 2 | 0 | 3 | 14 | 19 |
| TOTAL | 5,745 | 1,245 | 6,924 | 24,240 | 38,154 |

1864-1958 Officers of the Society

PRESIDENTS

(Dates Inclusive)

| | |
|-----------------------------|-----------|
| Green, John C..... | 1864-1874 |
| Brown, Stewart | 1875-1879 |
| Willets, Samuel | 1880-1883 |
| Macy, William H..... | 1883-1887 |
| Osborn, William H..... | 1887-1890 |
| Isham, William B..... | 1891-1901 |
| Sturges, Frederick | 1901-1910 |
| Osborn, William Church..... | 1910-1925 |
| Melcher, John S..... | 1926-1928 |

| | |
|-----------------------------|-----------|
| Osborn, William Church — | |
| Acting President | 1928-1930 |
| Osborn, William Church..... | 1931-1937 |
| Osborn, William Church — | |
| President Emeritus | 1938-1951 |
| Rossiter, Arthur W..... | 1938-1948 |
| Duryee, Samuel S..... | 1948-1958 |
| Bastedo, Philip | 1958- |

CHAIRMAN OF THE EXECUTIVE COMMITTEE

| | |
|---------------------------|-------|
| Miller, Lawrence McK..... | 1956- |
|---------------------------|-------|

VICE-PRESIDENTS

(Dates Inclusive)

| | |
|---------------------------|-----------|
| Minturn, Robert B..... | 1864-1865 |
| Brown, Stewart | 1864-1874 |
| Lenox, James | 1864-1879 |
| Wetmore, A. R..... | 1864-1880 |
| Wolfe, John David..... | 1864-1872 |
| Griswold, George | 1866-1875 |
| Willets, Samuel | 1873-1879 |
| Corning, H. K..... | 1875-1877 |
| Macy, William H..... | 1876-1882 |
| Terbell, Henry | 1878-1887 |
| Hoe, Robert | 1880-1883 |
| Colgate, Robert | 1880-1884 |
| Osborn, William H..... | 1881-1886 |
| Potter, Orlando | 1883-1893 |
| Iselin, Adrian | 1884-1904 |
| Isham, William B..... | 1885-1890 |
| | 1905-1908 |
| Agnew, Alexander L..... | 1887-1890 |
| Webb, William H..... | 1888-1894 |
| Kingsland, William M..... | 1892-1904 |
| Thorne, Samuel | 1892-1905 |
| Kennedy, John S..... | 1894-1908 |
| Bliss, George | 1895 |
| Willets, John T..... | 1897-1911 |
| Stearns, John Noble..... | 1906 |
| Wing, John D..... | 1905-1909 |
| Macy, William H., Jr..... | 1908-1912 |
| Iselin, Adrian, Jr..... | 1909-1928 |

| | |
|------------------------------|-----------|
| Smith, Sidney S..... | 1910-1921 |
| Potter, Frederick | 1912-1916 |
| Sloane, William | 1913-1916 |
| Redmond, Geraldyn | 1914-1918 |
| Bliss, Walter | 1919-1922 |
| Wing, J. Morgan..... | 1919-1928 |
| Willets, Howard | 1922-1928 |
| Prentice, Robert Kelly..... | 1923-1958 |
| Osborn, William Church..... | 1926-1927 |
| Simmons, Frank Hunter..... | 1929-1930 |
| Rossiter, Arthur W..... | 1929-1937 |
| Iselin, Ernest | 1931-1951 |
| Brown, Vernon Carleton..... | 1935-1944 |
| Wing, Morgan | 1937-1948 |
| Thieriot, Charles H..... | 1940 |
| Wilmerding, Lucius | 1941-1949 |
| Duryee, Samuel S..... | 1945-1948 |
| Wing, Morgan, Jr..... | 1948-1952 |
| Miller, Lawrence McK..... | 1949-1956 |
| Finch, Henry L..... | 1949-1956 |
| Symington, Charles J..... | 1951-1955 |
| Pillot, André P..... | 1952-1958 |
| Fletcher, Mrs. Walter D..... | 1955- |
| Reynolds, Mrs. John H..... | 1956- |
| Noel, Louis W..... | 1956- |
| Hilson, Mrs. Edwin I..... | 1957- |
| Stevenson, T. Kennedy..... | 1958- |

TREASURERS

(Dates Inclusive)

| | | | |
|--------------------------|-----------|--------------------------|-----------|
| Sturges, Jonathan | 1864-1874 | Shearer, George L..... | 1926-1946 |
| Sturges, Frederick | 1875-1906 | Stewart, Wm. A. W..... | 1946-1955 |
| Melcher, John S..... | 1907-1925 | Stewart, E. Sheldon..... | 1955- |

ASSISTANT TREASURERS

| | |
|-----------------------------|-------|
| Hoguett, Robert L., Jr..... | 1956- |
|-----------------------------|-------|

CORRESPONDING SECRETARIES

| | | | |
|-----------------------------|-----------|-----------------------------|-----------|
| Hartley, Robert M..... | 1864-1871 | Stearns, John Noble..... | 1924-1930 |
| Swan, Otis D..... | 1872-1876 | Eyre, Edgar Ainsworth..... | 1931-1935 |
| Abbe, George W..... | 1877-1878 | Finch, Henry L..... | 1936-1949 |
| Stewart, W. A. W..... | 1879-1887 | Townsend, Reginald T..... | 1949-1956 |
| Stetson, Francis Lynde..... | 1888-1889 | Hilson, Mrs. Edwin I..... | 1957-1958 |
| Sturges, William C..... | 1890-1896 | Osborn, William H., Jr..... | 1958- |
| Jennings, Walter | 1897 | | |

RECORDING SECRETARIES

| | | | |
|------------------------|-----------|----------------------------|-----------|
| Collins, Joseph B..... | 1864-1867 | Townsend, John P..... | 1880-1897 |
| Swan, Otis D..... | 1868-1871 | Eyre, Edgar Ainsworth..... | 1924-1930 |
| Hartley, Robert M..... | 1872-1875 | Miller, Lawrence McK..... | 1931-1949 |
| Warburton, A. F..... | 1876-1878 | Melcher, John | 1949-1956 |
| Abbe, George W..... | 1879 | | |

CORRESPONDING SECRETARIES AND RECORDING SECRETARIES

| | | | |
|-----------------------------|-----------|--------------------------|-----------|
| Jennings, Walter | 1898-1899 | Stearns, John Noble..... | 1910-1923 |
| Osborn, William Church..... | 1900-1909 | | |

SECRETARIES

| | | | |
|---------------------|------|-----------------------|-------|
| Melcher, John | 1956 | Rawle, Marshall | 1957- |
|---------------------|------|-----------------------|-------|

1864-1958 Board of Managers

(Dates Inclusive)

| | | | |
|-------------------------------|-----------|---------------------------------|-----------|
| Abbe, George W. | 1864-1879 | Gillespie, Jr., S. Hazard. | 1955- |
| Agnew, Alexander McL. | 1876-1890 | Golding, Jerrold R. | 1953- |
| Bastedo, Philip. | 1955- | Green, John C. | 1864-1874 |
| Beekman, James W. | 1864-1865 | Griswold, George. | 1864-1875 |
| | 1868-1870 | Hagaman, Frederick P. | 1957- |
| Billings, Frederick. | 1888-1889 | Handy, Parker. | 1874-1876 |
| Bishop, David Wolfe. | 1882-1899 | Hartley, Robert M. | 1864-1875 |
| Bishop, Nathan. | 1864-1867 | Hartshorn, Dr. W. Morgan. | 1941-1955 |
| Bliss, George. | 1887-1895 | Harvey, Alexander D. | 1957- |
| Bliss, Walter. | 1911-1922 | Hay, Louis C. | 1929-1938 |
| Bonner, Robert. | 1879-1881 | Hayes, R. Somers. | 1901-1904 |
| Booth, William A. | 1864-1865 | Hilson, Edwin I. | 1951-1952 |
| Bradford, William H. | 1878-1895 | Hilson, Mrs. Edwin I. | 1952- |
| Brown, Stewart. | 1864-1879 | Hoe, Robert. | 1878-1883 |
| Brown, Vernon C. | 1931-1944 | Hoffman, Samuel V. | 1873 |
| Cabot, F. Higginson. | 1926-1928 | Hoepli, Mrs. M. Henry. | 1958- |
| Caswell, John. | 1866-1867 | Hoffman, William B. | 1877-1880 |
| Chapin, L. H. Paul. | 1931-1935 | Hoguet, Dr. Joseph P. | 1931-1946 |
| Church, John A. | 1940-1941 | Hoguet, Jr., Robert L. | 1953- |
| Clark, C. C. | 1888-1899 | Hoppin, William W. | 1936-1948 |
| Clark, Jr., George C. | 1906-1909 | Hutton, Mrs. Edward F. | 1955- |
| Colgate, Charles. | 1872-1877 | Iselin, Adrian. | 1881-1904 |
| Colgate, R. R. | 1908-1921 | Iselin, Jr., Adrian. | 1902-1928 |
| Colgate, Robert. | 1869-1884 | Iselin, Ernest. | 1929-1951 |
| Collins, Joseph B. | 1864-1867 | Isham, William B. | 1880-1908 |
| Cooper, Peter. | 1868-1870 | Jackson, William H. | 1953-1955 |
| Corning, H. K. | 1866-1877 | Jaffrey, Edward S. | 1866-1877 |
| Davison, F. Trubee. | 1923-1924 | Jennings, Walter. | 1892-1899 |
| Davison, H. P. | 1912-1921 | Kennedy, John S. | 1890-1908 |
| Denny, Thomas. | 1864-1875 | Kingsland, William M. | 1877-1904 |
| DePew, Chauncey M. | 1897-1901 | Knapp, Theodore J. | 1943-1947 |
| Draper, William H. | 1897-1900 | Lapham, Lewis A. | 1955-1957 |
| Duryee, Samuel S. | 1940- | Lawrence, Effingham. | 1939-1940 |
| Elliott, Howard. | 1920-1928 | Lenox, James. | 1864-1879 |
| Eyre, Edgar Ainsworth. | 1923-1935 | Livingston, John C. | 1908-1914 |
| | 1945-1955 | McLane, Guy R. | 1906-1911 |
| Fancher, Enoch L. | 1864-1865 | | 1914-1920 |
| Finch, Henry L. | 1929- | Macy, William H. | 1871-1886 |
| Fiske, Josiah M. | 1879-1881 | Macy, Jr., William H. | 1892-1912 |
| Fletcher, Walter D. | 1941 | Magoun, George C. | 1886-1891 |
| Fletcher, Mrs. Walter D. | 1950- | Melcher, John. | 1923-1956 |
| Gibson, W. Frazer. | 1931-1937 | Melcher, John S. | 1906-1927 |
| Gilman, William C. | 1864-1871 | Miller, Charles A. | 1894-1897 |
| | | Miller, Lawrence McK. | 1926- |

Board of Managers (Continued)

| | | | |
|------------------------------|-----------|-----------------------------|-----------|
| Minturn, Robert B. | 1864-1865 | Stevenson, T. Kennedy | 1949- |
| Moore, William S. | 1938-1940 | Stewart, W. A. W. | 1879-1887 |
| Morgan, Hon. Edwin D. | 1880-1881 | Stewart, Wm. A. W. | 1946-1955 |
| | | Stewart, E. Sheldon | 1947- |
| Noel, Louis W. | 1936- | Stout, Francis A. | 1883-1888 |
| | | Straus, Nathan, III. | 1950-1958 |
| Osborn, A. Perry | 1941-1951 | Stuart, Robert L. | 1871-1873 |
| Osborn, Frederick H. | 1913-1928 | Sturges, Arthur P. | 1897-1909 |
| Osborn, William Church | 1892-1951 | Sturges, Frederick | 1871-1909 |
| Osborn, Earl D. | 1951- | Sturges, Frederick | 1931-1935 |
| Osborn, William H. | 1871-1891 | Sturges, Jonathan | 1864-1874 |
| Osborn, Jr., William H. | 1957- | Sturges, William C. | 1885-1896 |
| | | Swan, Otis D. | 1866-1876 |
| Parsons, Henry I. | 1908-1912 | Symington, Charles J. | 1941-1955 |
| Pennoyer, Paul G. | 1955-1957 | | |
| Pierson, Dr. Richard N. | 1957- | Terbell, Henry S. | 1864-1887 |
| Pillot, André P. | 1941-1958 | Thieriot, Charles H. | 1936-1940 |
| Pool, Beekman H. | 1948-1950 | Thorne, Samuel | 1880-1905 |
| Potter, Frederick | 1910-1916 | Tompkins, B. A. | 1952-1955 |
| Potter, Orlando | 1921-1924 | Townsend, John P. | 1876-1897 |
| Potter, Orlando B. | 1875-1893 | Townsend, Reginald T. | 1944-1957 |
| Prentice, Robert Kelly | 1906-1958 | Trumbull, Frank | 1913-1919 |
| Pruyn, Erving | 1931-1942 | | |
| Quincy, John W. | 1864-1870 | Vanderbilt, Cornelius | 1881-1895 |
| | | VanRensselaer, Alex | 1874-1878 |
| Rawle, Marshall | 1955- | Wall, Albert Carey. | 1957- |
| Redmond, Geraldyn | 1907-1918 | Warburton, A. F. | 1876-1878 |
| Redmond, Roland S. | 1919-1924 | Webb, H. Walter | 1893-1898 |
| Reynolds, Mrs. John H. | 1949- | Webb, William H. | 1882-1894 |
| Robbins, Chandler | 1876-1887 | Wetmore, A. R. | 1864-1880 |
| Rockefeller, William A. | 1923-1930 | Whitman, Dr. Royal | 1932-1934 |
| Rossiter, Arthur W. | 1921-1950 | Willets, Howard | 1913-1928 |
| | | Willets, John T. | 1886-1911 |
| Scoville, Robert | 1931-1934 | Willets, Samuel | 1868-1882 |
| Shearer, George L. | 1921-1946 | Wilmerding, Lucius | 1935-1949 |
| Simmons, Frank Hunter | 1917-1927 | Wing, John D. | 1896-1909 |
| | 1929-1930 | Wing, J. Morgan | 1910-1928 |
| Sloane, William | 1900-1916 | Wing, Morgan | 1921-1950 |
| Smith, S. Sidney. | 1900-1921 | Wing, Jr., Morgan. | 1946-1953 |
| Stearns, John Noble | 1889-1906 | Witthaus, Rudolph A. | 1864 |
| Stearns, John N. | 1902-1908 | Wolfe, John David. | 1864-1872 |
| | 1909-1936 | Wood, Oliver | 1864-1868 |
| Stearns, Jr., John N. | 1919-1930 | | and 1870 |
| Stetson, Francis Lynde. | 1888-1889 | Wriston, Walter B. | 1958- |

Advisory Council

| | | | |
|--------------------------------|-----------|-----------------------------|-------|
| Eyre, Edgar Ainsworth | 1955- | Stewart, William A. W. | 1955- |
| Hartshorn, Dr. W. Morgan. | 1955-1956 | Symington, Charles J. | 1955- |
| Pillot, André P. | 1958- | Townsend, Reginald T. | 1957- |

Endowed Beds

A bed may be endowed by an unrestricted gift to the Society of not less than \$7,500 made for that purpose, and the donor during his life, or, if the gift is made by will, the person named in the will for a period not to exceed twenty years, shall have the right to designate an occupant of such bed. When the gift amounts to \$10,000 or more, the Society will furnish to the designated occupant of such bed without charge in any one calendar year care and services, the cost of which, computed at the Society's then scale of rates, equals the income earned by the Society on the amount of such gift, computed upon the basis of the average rate of return on the Society's general funds during the preceding calendar year. The Society will list all endowed beds in its annual report and record the same on appropriate plaques in the Hospital.



Legacies to the Society

The Society has always been greatly aided by this form of generosity. No precise words are necessary to a valid legacy to the corporation. The following form, however, may be suggested:

"I give to New York Society For The Relief Of The Ruptured And Crippled, located at 535 East 70th Street, New York City, the sum of

Dollars."

